

Non- Exhaustive list of PHOENICS PUBLICATIONS Part I

2003	Ramachandran K., Sato, T. & Nishiyama, H	3D modelling of evaporation of water injected into a plasma jet.	International Journal of Heat and Mass Transfer, Vol. 46, No. 9, pp 1653-1663, 2003
1998	Rubiao LEG, Guimaraes FMdeQ & Tornovsky J	Temperature control in storage tanks	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol 11. No. 2. pp 124-135, 1998
1998	Katinas V, Vaitiekunas P & Zukauskas A.	Experimental and numerical study of three-dimensional turbulent flow over a rectangular prism.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol 11. No. 2. pp 187-197, 1998
1998	Malin MR.	Turbulent pipe flow of Herschel-Bulkley fluids.	Int. Comm. Heat Mass Transfer, Vol. 25, No. 3, pp. 321-330, 1998. Pergamon.
1998	Nabben RHMG, Duursma RPJ, Kamperman AA & Lagerberg JL	Application of the EMBR-model and algebraic slip model to continuous casting of steel slabs in Hoogovens	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol 11. No. 2. pp 136-147, 1998
1998	Ouazzani J, Durand-Daubin A, Nyce TA & Rosenberger F.	Mixed convection in a horizontal rectangular channel- experimental and numerical velocity distributions	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol 11. No. 2. pp 224-251, 1998
1998	Rew, HS.	Numerical study on the unsteady interaction of two curved wall jets over a cylinder.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 11, No. 1, pp 113-123,1998.
1998	Ghiaus AG, Margaris DP & Papanikas DG.	Improvement of dried products quality by flow manipulation techniques.	Proceedings of 2nd Trabzon International Energy and Environment Symposium, Trabzon, Turkey, August 1998.
1998	Karayannis A, Panagopoulos J & Koras A.	Prediction of wind patterns in an urban environment.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 11, No. 1, pp 097-102,1998.
1997	Scanlon TJ	Different CFD solutions to the vortex shedding problem	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 2, pp 212-226, 1997.
1997	Bertrand C, Jenkins B & Moles F	Aerodynamics simulations of an industrial stationary furnace	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 2, pp 194-211, 1997.

1997	Lee D-B	Numerical simulation of oblique shock wave/turbulent boundary layer with wall heat transfer	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 2, pp 179-193, 1997.
1997	Sherlock J-P, Sharratt P, Hayes P & Tremayne J	Use of CFD to predict mixing characteristics in a novel induction furnace	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 2, pp 167-178, 1997.
1997	Declercq J, Erkens N & van den Bulck E	Numerical investigation of laminar natural convection in a foil type transformer	Proceedings, "International Symposium on Advances in Computational Heat Transfer", Cesme, Turkey, 1997
1997	Kawato T, Ikeda T, Tsujitani M & Nishioka T	Research on friction factor of duct (second report); the duct friction factor about duct penetration materials	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997
1997	Scanlon TJ	A numerical analysis of flow and dispersion around a cube	
1997	Fueyo N & Gambon V	An Eulerian-Eulerian model of coal combustion for the simulation of utility boilers	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 2, pp 123-149, 1997.
1997	Spalding DB	Multi-fluid turbulent combustion model	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997
1997	Stickland MT, Scanlon TJ, Oldroyd A, Waddell P, Crawley F & Stubbs B	An experimental and computational analysis of buoyancy-driven flows by laser sheet tomography, particle image velocimetry and computational fluid dynamics	Proceedings, The First Pacific Symposium on Flow Visualisation and Image Processing, Honolulu, February 1997
1997	Rew HS	Turbulence model assessment in complex turbulent flows	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 3, pp 287-296, 1997.
1997	Taylor K & Smith AG	CFD prediction of exhaust plumes and interaction with superstructure	Proceedings, 'Application of Fluid Dynamics in the Safe Design of Topsides and Superstructures',

			The Institute of Marine Engineers, London, 26 February 1997
1997	Guimaraes FMQ & Rubiao LEG	Solving multiphase liquid flow problems with PHOENICS; Case studies	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 3, pp262-274, 1997.
1997	Thomson A & Fraser CJ	A new approach to calculating the start of transition for engineering flow types	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 3, pp 353-363, 1997.
1997	Zamora B & Hernandez J	Numerical analysis of flow reversals in natural convection cooled vertical channels	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications. Vol. 11 No. 2, pp168-186, 1998
1997	Vaarno J, Pitkala J, Ahokainen T & Jokilaakso A	A cold model of gas injection in a Peirce-Smith converter	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 3, pp 297-312, 1997.
1997	Villafruela JM, Mendez C, Sanchez LM & Castro F	Bidimensional wake modelling of slender ornamental objects	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997
1997	Hibbert SE & Phelps PJ	Blast assessment of a jack-up MODU using CFD	Proceedings, 'Application of Fluid Dynamics in the Safe Design of Topsides and Superstructures', The Institute of Marine Engineers, London, 26 February 1997
1997	Jenne M & Reuss M.	Fluid dynamic modelling and simulation of gas-liquid flow in baffled stirred tank reactors.	Mixing IX, Recent Advances in Mixing, Paris-Marne La Vallee 1997, Vol.11,1997, Lavoisier Technique et Documentation Paris, pp 201-208.
1997	Semin VA & Spalding DB	The car-body and stirred-reactor: WUA-CFD test cases, performed by PHOENICS	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10 No. 1, pp 1-16, 1997

1997	Agranat V, Kawaji M & Tran HN	Numerical simulation of lower furnace heat transfer in a Kraft recovery boiler	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10 No. 1, pp 17-26, 1997
1997	Castillejos AH, Acosta FA, Escobedo JC & Flores A	Fluid flow and particle trajectories inside ceramic filters used for molten metal cleanliness	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10 No. 1, pp 27-56, 1997
1997	Baklanov A, Burman J & Naslund E	Numerical modelling of three-dimensional flow and pollution transport over complex terrain	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10 No. 1, pp 57-86, 1997
1997	Hornby RP & Spence G	PHOENICS simulation of the burn-off of deposited carbon in a nuclear reactor by controlled injection of small quantities of oxygen	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10 No. 1, pp 87-122, 1997
1997	Fueyo N, Ballester J & Dopazo C	The computation of particle size in Eulerian-Eulerian models of coal combustion	International Journal of Multiphase Flow Vol. 23 No. 3, pp 607-612, 1997
1997	Malin MR & Younis BA	The prediction of turbulent transport in an axially rotating pipe	International Communications in Heat & Mass Transfer, Vol. 24 no. 1, pp 89-98, 1997
1997	Zhang L, Toh KC & Chan TW	Improving the thermal performance of pin fin heat sinks under forced convection	Proceedings, Joint MINDEF-NTU R&D Seminar, Singapore, pp 179-185, 1997
1997	Freeman DJ & Spalding DB	Structural forces induced by gas explosions in offshore oil platforms	Proceedings, 'Application of Fluid Dynamics in the Safe Design of Topsides and Superstructures', The Institute of Marine Engineers, London, 26 February 1997
1997	Radosavljevic D & Gebara JM	CFD: Design assessment case studies in offshore and marine industries	Proceedings, 'Application of Fluid Dynamics in the Safe Design of Topsides and Superstructures', The Institute of Marine Engineers, London, 26 February 1997
1997	Sennoun MH, Charette A & Potocnik V	New turbulent combustion models in PHOENICS 2.1	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 11, No. 1, pp25-50, 1998.
1997	Fraser SM	Computational fluid dynamics (CFD) - Is it more than "Colourful Fluid Dynamics"	
1997	Garcia J & Crespo A	A model of turbulent two-phase flashing jets	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997.

			The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, NO. 3, pp 275-286, 1997.
1997	Fueyo N, Gambon V, Ballester J, Dopazo C & Gonzalez JF	Numerical simulation of an arch-fired coal-boiler using an Eulerian-Eulerian model.	Fourth International Conference on Technologies and Combustion for a clean Environment, Lisbon, Portugal, July 1997
1997	Malin MR	Modelling flow in an experimental marine condenser	International Communications in Heat & Mass Transfer, Vol. 24 no. 5, pp597-608, 1997
1997	Davies TW & Carter MC	Convective heat transfer from a hot rotating cylinder with jet impingement.	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 11, No. 1, pp 81-96, 1998.
1997	Malin MR.	The turbulent flow of Bingham plastic fluids in smooth circular tubes.	International Communication Heat Mass Transfer, Vol. 24, No. 6, pp 793-804, 1997. Published by Elsevier Science, USA.
1997	Eckhardt BD.	X-38 cabin condensation study.	Proceedings of the Eighth Annual Thermal and Fluids Analysis Workshop Spacecraft Analysis and Design, September 8-11, 1997, at University of Houston-Clear Lake, TX.
1997	Katsaounis A, Papanikas DG, Fertis DK & Margaris DP	Dynamic T-junction separator for multiphase transport pipelines.	Proceedings of 4th World Conference on Experimental Heat Transfer, Fluid Mechanics and Thermodynamics, Brussels June 2-6 1997 Vol.2, pp1045-1052
1997	Schmalzriedt S & Reuss M.	Application of computational fluid dynamics to simulations of mixing and biotechnical conversion processes in stirred tank bioreactors.	Mixing IX, Recent Advances in Mixing, Paris-Marne La Vallee 1997, Vol.11,1997, Lavoisier Technique et Documentation Paris, pp 171-178.
1997	Hamad FA, Khan M & Bruun HH	A comparison of predicted and experimental phase distribution and turbulence in two-phase flow	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997
1997	Solhed H, Jonsson P & Wahlberg B.	Efforts to improve steel cleanness in the tundish.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 4, pp 432-441,1997.
1997	Kuijlaars KJ, Kleijn CR & van den Akker HEA.	Transient simulations of selective chemical vapour	The PHOENICS Journal of Computational Fluid Dynamics

		deposition of tungsten using PHOENICS-CVD.	and its Applications, Vol. 10, No. 4, pp 391-404,1997.
1997	Rashad MA & Davies, GA & Bos A.	CFD modelling of flow distribution methods in primary separators.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 4, pp 374-390,1997.
1997	Pierrat D & Ledoux C & Garnaud A	Use of PHOENICS for domestic burner flows simulations at Gaz de France.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 3, pp 313-334,1997.
1997	Smith AG & Taylor K	The simulation of an aircraft engine intake anti-icing system.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 2, pp150-166, 1997.
1997	Gollner A, Pfeiler A, Mindt H-W & Megahed M	Optimising solar energy utilisation in buildings using numerical techniques - Heat utilisation in atriums.	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997 and The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 4, pp. 451-460, 1997.
1997	Zhubrin S	ROSA: River oil spill analyser	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 11, No. 1, pp 51-64, 1998.
1997	Svensson U	Modelling groundwater flow on a regional scale	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 4, pp 442-450, 1997.
1997	Knudsen M	The mixing processes in aeration tanks in waste water treatment plants modelled with PHOENICS	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 3, pp250-261, 1997.
1997	Rooks S, Smith AG & Hayward LR	The use of PHOENICS for modelling helicopter flow fields	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 11, No. 1, pp 103-112, 1998.

1997	Murena F, d'Alessandro C & Gioia F	CO dispersion in urban street canyons	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 4, pp 405-415, 1997.
1997	Spalding DB	Simultaneous fluid-flow, heat- transfer and solid-stress computation in a single computer code	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997
1997	Mege P & Ferschneider G	Eulerian simulation of dilute gas-solid flow	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 4, pp 416-431, 1997.
1997	Booij R	Computationa of the flow in a carousel	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 4, pp364-373, 1997.
1997	Noh HK & Park JH	A numerical study on switching operation characteristics of low temperature heat pipe with multiple heaters	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications. Vol. 11 No. 2, pp 198-223, 1998
1997	Bolot R, Coddet C & Imbert M	The use of the PHOENICS code for plasma jet modelling	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 3, pp335-352, 1997.
1997	Mitianiec W	Three-dimensional gas flow through inlet reed valve in a two-stroke engine	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 11, No. 1, pp 01-11, 1998.
1997	Davies TW & Pratt SJ	Convective heat transfer from a pair of contra-rotating cylinders.	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of

			Computational Fluid Dynamics and its Applications, Vol. 11, No. 1, pp 12-24, 1998.
1997	Filho RM, Nunhez JR & Bezerra VM.	Methodology of obtaining CFD results in stirred tank applications	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997
1997	Janssen G	Buoyancy effects in a belt conveyor furnace	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997
1997	Park MS, Park YW & Lee DW	Airflow control for onion store	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 11, No. 2, pp 148-167, 1998
1997	Radosavljevic D & Fitzsimmons P	CFD: case studies within the marine industry	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 10, No. 2, pp 227-249, 1997.
1997	Petit E	Numerical modelling of the water model of a tundish	Proceedings, 'Seventh International PHOENICS User Conference', Seville, May 1997. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 11, No. 1, pp 65-80, 1998.
1996	Ashforth-Frost S & Jambunathan K	Numerical prediction of semi-confined jet impingement and comparison with experimental data	International Journal for Numerical Methods in Fluids, Vol.23, 295-306, 1996.
1996	Declercq J & Dutre W.	Second order turbulence simulation including turbulent heat flux modelling from a surface with uniform heat flux and impinging jet	Published in Proceedings, International Conference on Turbulent Heat Transfer, San Diego, CA, USA, March 1996
1996	Lee D-B.	Numerical computation of oblique-shock-wave/turbulent-boundary-layer interaction	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 3, pp 354-377, 1996
1996	Kinoshita K.	Crystal growth of Pb(1-x)Sn(x)Te by a physical vapour transport method in microgravity - computer simulation -	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 3, pp 343-353, 1996



1996	Hadjerioua B, Mobley MH, Hauser GE & Brock WG	Modelling of surface water pumps in TVA reservoirs	Presented at a meeting of the American Society of Civil Engineers, June 1996
1996	Baskaya S, Gilchrist A & Fraser SM	Buoyancy induced flow through a two-dimensional chamber containing an internal heat source: Comparison of LDA measurements and numerical solution	J. of Eng. Science, 1996
1996	Dempster WM	The modelling of flooding in a PWR Downcomer	Published in ICone-4, March 1996, New Orleans, USA
1996	Zhubrin SV	PHOENICS in forecasting the transport and fate of pollutants in rivers	PHOENICS User Conference, Atlanta, GA USA, March 1996
1996	Ma YP, Ferng YM & Ma KT.	Influence of local fluid-flow parameters on two-phase flow elbows for flow assisted corrosion prediction.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 3, pp 387-411, 1996
1996	Svensson U.	The fluid population concept in ground water modelling	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 3, pp 378-386, 1996
1996	Kabiri K.	Deicing simulation of the windshield.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 3, pp 412-423, 1996
1996	Jeong KT & Huh KY.	Comparison of turbulent diffusion combustion models and application to a gas Burner with PHOENICS-2.1.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 3, pp 424-433, 1996
1996	Wardenier K & van den Bulck E.	Air flow optimisation in a field scale rotary kiln	Proceedings, 15th "Journées d'etudes" of the Belgian Section of the Combustion Institute, Louvain-la neuve, Belgium, May 20-21, 1996
1996	Haidar NIA.	Prediction of flow characteristics in 90 o bends.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 3, pp 450-468, 1996
1996	Dierckx T & van den Bulck E.	Simulation and experimental validation of a small scale premixed natural gas vortex burner	Proceedings, 15th "Journées d'etudes" of the Belgian Section of the Combustion Institute, Louvain-la neuve, Belgium, May 20-21, 1996
1996	Ohnuki A, Araya F& Akimoto, H.	Analysis of residual heat removal process due to natural circulation in a water pool of a	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 3, pp 326-342, 1996

		passive safety light water reactor	
1996	Myszko M & Knowles K	Numerical modelling of a single impinging jet and experimental validation	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 1, pp 51-60, 1996
1996	Wardenier K & van den Bulck E.	Steady state waste combustion and air flow optimisation in a field scale rotary kiln	
1996	Brink A, Kilpinen P, Hupa M, Kjaldman L & Jaaskelainen K.	Modelling of local extinction and reignition of the flame	Proceedings, 3rd Colloquium on Process Simulation, Espoo, Finland, June 12-14, 1996
1996	Grevskott S, Sannaes BH, Dudukovic MP, Hjarbo KW & Svendsen HF.	Liquid distribution, bubble size distributions and solids movement in two- and three-phase bubble columns	Chemical Engineering Science, vol. 51 No. 10, pp 1703-1713, 1996, and ISCRE 14 Conference, May 1996, Brugge, Belgium.
1996	Delaunay D, Lakehal D, Barre C & Sacre C.	Numerical and wind-tunnel simulation of gas dispersion around a rectangular building	Proceedings, 2nd International Symposium on Computational Wind Engineering, Colorado, USA, August 4-8 1996
1996	Brink A, Hupa M & Kjaldman L	An extinction model for turbulent diffusion flames	Proceedings, 6th Symposium (Int.) on Combustion, Naples, Italy. Published by the Combustion Institute, 1996
1996	Palanisamy V & Tada Y.	Investigation of flow in input manifold of pressurised gas reactors using PHOENICS	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 3, pp 434-449, 1996
1996	Pericleous KA & Dempsey S	Development of a fractal-based LES model in PHOENICS	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 1, pp 41-50, 1996
1996	Quoc HL, Brunold A, Oelschlagel F & Schnabel R.	Process modelling of the cross-linking reactions taking place in an elastomer component of a polymer blend of type PP/NBR produced in a tightly intermeshing co-rotating twin screw extruder.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 4, pp 502-515, 1996
1996	Ranade VV & Kumaran G.	Computational Fluid Dynamics for piping engineering.	
1996	Luoma M & Smith AG	The use of PHOENICS in the design of catalytic converters	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 1, pp 76-100, 1996
1996	Davies TW & Buxton AC	Convective heat exchange between an array of round air	The PHOENICS Journal of Computational Fluid Dynamics

		jets and an impingement surface	and its Applications, Vol. 9 No. 1, pp 101-115, 1996
1996	Fueyo N, Larroya JC, Valino L & Dopazo C	A combined CFD-MonteCarlo method for the solution of the scalar PDF equation in turbulent reaction	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 1, pp 116-138, 1996
1996	Rooks S	Preliminary investigations into the use of PHOENICS for evaluation of aerodynamic heating phenomena	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 1, pp 61-75, 1996
1996	Zhang Q & Davies GA	Simulation of two-phase flow in a cross flow separator	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 1, pp 139-156, 1996
1996	Glynn DR, Eckford DC & Pope CW	Smoke concentrations and air temperatures generated by a fire on a train in a tunnel	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 1, pp 157-168, 1996
1996	Verloop WC	Experience in computing the flow in a torpedo car	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 2, pp 210-228, 1996
1996	Huang L, Wen JX, Karayiannis TG & Mathews RD	CFD modelling of fluid flow and heat transfer in a shell and tube heat exchanger	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 2, pp 181-209, 1996
1996	Endoh K. & Sagisaka M.	Simulation for the diffusion of high density gas around blocks	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 3, pp 308-325, 1996
1996	SC Cutbill, AG Smith, M Tumelty & DG Gregory-Smith	Modelling Coanda effect flows using PHOENICS	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 2, pp 229-252, 1996
1996	Jal EN	Use of PHOENICS for turbomachinery applications at GEC Alsthom	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 1, pp 16-40, 1996
1996	Smith AG	Some operational considerations of using PHOENICS	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 1, pp 1-15, 1996
1996	Megahed M	Assessment of two-equation turbulence models for simulating swirling flows as applied to swirl burners	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 2, pp 259-277, 1996
1996	Gardin P	Heat transfer on a moving strip by impinging jets	The PHOENICS Journal of Computational Fluid Dynamics

			and its Applications, Vol. 9 No. 2, pp 278-292, 1996
1996	Vaitiekunas P & Katinas V & Zukauskas A	Simulation of turbulent recirculating flow using PHOENICS	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 2, pp 293-307, 1996
1996	Fang MTC, Kwan S & Hall W	Arc-shock interaction inside a supersonic nozzle	IEEE Transactions on Plasma Science, Vol. 24, No. 1, February 1996
1996	Dierckx T & van den Bulck E	Simulation and experimental validation of a small scale premixed natural gas vortex burner	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 2, pp 253-258, 1996
1996	Rhodes D G & Senior A K	Two-layer k-e model of boundary shear in a rectangular duct	Published in Conference Proceedings, 2nd International Conference on Hydrodynamics (ICHD-96), 1996
1996	Thomas A & Fraser CJ	Modelling boundary layer transition using PHOENICS CFD software.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 1, pp 169-180, 1996
1996	Nagai M	Analysis of a diamond CVD process using computer simulation	Ph.D. Thesis, Massachusetts Institute of Technology, 1996
1996	Chow WK.	Estimation of air temperature induced by a heat source in a compartment with displacement ventilation	Journal of Environmental Systems, Vol. 24, No. 2, pp 205-219, 1996
1996	Spalding DB.	PLANT	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 4, pp 469-475, 1996
1996	Madhav MT & Malin MR.	The efficient calculation of fully developed duct flows	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 4, pp 492-501, 1996
1996	Krukovsky PG	Concerning a possibility of solution of inverse and optimisation heat transfer and fluid-flow problems using PHOENICS and Software-FRIEND	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 4, pp 516-532, 1996
1996	Spalding DB & Zhang Q.	ASAP: Simulating complex flows with a Cartesian mesh.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 4, pp 533-554, 1996
1996	Chow WK.	Design of ventilation system in a big enclosed car park using computational fluid dynamics	Architectural Science Review, Vol. 39, pp 141-146, 1996

1996	Kumar C, Kumaran G & Ranade VV.	Fluid dynamic modelling of standard and slotted orifice flow meters	
1996	Liping Li	Mathematical modeling of fluid flow and mixing in metallurgical reactors with bottom gas injections	Ph.D. Thesis, Massachusetts Institute of Technology, 1996
1996	Bae JH & Lee JH.	A numerical study on the heat transfer and flow around a lanced fin applied for heat exchanger of air conditioner	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 9 No. 4, pp 476-491, 1996
1996	Tan FL & Fok SC	Visualisation of casting process through computer animation	Journal of Materials Processing Technology, Vol. PR0057/1-2, pp 201-205, 1996
1996	Kluck J	Design of storm water settling tanks for combined sewer overflows	Proceedings, 7th International Conference on Urban Storm Water Drainage, Hannover, September 1996
1996	Raghavan J & Rahman MM.	Transient response of discrete heat sources on a conducting board in the presence of cross flow mixed convection.	IEEE, paper No. 96 117, 1996.
1996	Jenne M & Reuss M.	Modellierung und Simulation der dreidimensionalen, turbulenten Stroemung in Ruehrkesselreaktoren.	Chemie Ingenieur Technik, 3/96, pp 295-299. Publisher: Dechema, Germany, 1996.
1996	Rujano JR & Rahman MM.	Transient response of microchannel heat sinks in a silicon substrate.	Dept. of Mechanical Engineering, University of South Florida, Tampa, Florida 33620-5350.
1996	Tannous AG	Air flow simulation in a minienviroment	Solid State Technology, July 1996
1996	Chen Q & Chao N- T	Prediction of buoyant plume and displacement ventilation with different turbulence models	Proceedings of the 7th International Conference on Indoor Air Quality and Climate, INDOOR AIR '96, Vol. 1, pp787- 792, Nagoya, Japan, July 22-26, 1996
1996	Ranade VV, Kumaran G & Kumar C	Flow structures in bubble columns: CFD modelling and simulations	International Conferences on Advances in Chemical Engineering (ICACHE 96), Madras, India, 1996
1996	Boisson N & Malin MR.	Numerical prediction of two- phase flow in bubble columns	International Journal for Numerical Methods in Fluids, Vol. 23, pp 1289-1310, 1996
1996	Brink A, Kilpinen P, Hupa M, Kjaldman L & Jaaskelainen K.	Improved gas phase chemistry for furnace simulations	6th International Conference on Numerical Combustion, New Orleans, USA, March 4-6, 1996

1996	Chen Q	Prediction of room air motion by Reynolds-stress models	Building and Environment, Vol. 31, pp233-244, 1996
1996	He W & Chen Q	Three-dimensional and dynamic distributions of temperature and current density in molten carbonate fuel cell stacks	Proceedings of the ASME Advanced Energy Systems Division, The 1996 ASME International Mechanical Engineering Congress and Exposition, ASE-Vol.36, pp 285-293, Atlanta, Georgia, November 17-22, 1996
1996	He W & Chen Q	Three-dimensional and dynamic performance of molten carbonate fuel cell stacks	Proceedings of the 1996 Fuel Cell Seminar, pp 406-409, Orlando, Florida, November 17-20, 1996
1996	Chen Q & Jiang Z.	Simulation of a complex air diffuser with CFD technique	Proceedings of the 5th International Conference on Air Distribution in rooms, ROOMVENT '96, Vol. 1, pp227-234, Yokohama, Japan, July 17-19, 1996
1995	Smith AG, Taylor K, Kompels M, Rooks S & Young C	The use of PHOENICS in aircraft infra-red signature prediction	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 7 No. 4, pp 126-149, 1995
1995	van den Berghe CS & Baltas ND	DAP PHOENICS: Porting a CFD code to a SIMD computer	Simulation Practice and Theory 3, pp239-256, 1995
1995	Lindholm D	Application of a two-fluid model on the prediction of a bubble column produced by a broken subsea gas pipeline	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 2, pp 139-164, 1995
1995	Agranat V	Mathematical modelling of forest fires using commercial computational fluid dynamics software package PHOENICS	Proceedings of the International Conference on Forest fires: Initiation, spread and ecological impacts, 24-30 July, 1995
1995	Burman J	Simulation of the boundary layer in a neutrally stratified atmosphere using PHOENICS	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 2, pp 105-138, 1995
1995	Delaunay D & Flori J-P	Urban dispersion of a tracer gas from a vehicle tunnel: A numerical simulation compared with a field study	Presented at Air Pollution 95, September 26-29, Porto-Carras, Greece, 1995
1995	Kravchik T, Sher E & Heywood JB	From spark ignition to flame initiation	Combustion Science and Technology 108, pp1-30, 1995
1995	Vanormelingen J & van den Bulck E	A study of flow structure and dispersion in cylindrical furnaces	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 1, pp 91-104, 1995

1995	Ilegbusi OJ, Iguchi M & Morita Z	Numerical modelling of flow and heat transfer in gas-agitated reactor	
1995	Waterson NP & Deconinck H	A unified approach to the design and application of bounded higher-order convection schemes	The 9th International Conference on Numerical Methods in Laminar and Turbulent Flow, Atlanta, Georgia, 10-14 July 1995
1995	Karni J, Kribus A, Rubin R, Sagie D, Doron P & Fiterman A	The DIAPR: A high pressure, high temperature solar receiver	International Solar Energy Conference, Lahaina, Hawaii, March 1995
1995	Pierrat D & Delaunay D	Numerical simulation of the flow past a 2D model hill: Tests of eddy-viscosity models and numerical schemes	Abstract for Euromech Colloquium 338 - Atmospheric Turbulence and Dispersion in Complex Terrain, Bologna, Italy, September 4-6, 1995
1995	Sannaes BH, Dudukovic MP & Svendsen HF	Experimental and numerical investigation of solids dynamics in slurry bubble columns	The AIChE Annual Meeting, Miami, November 1995
1995	Varnas SR & Truelove JS	Simulating radiative heat transfer in flash smelting furnaces	Published in Applied Mathematical Modelling Vol. 19, pp 456-464, 1995
1995	Lilja L & Rajainmaki K	On the experimental and computational modelling at Outokumpu Research Oy	Proceedings of the 2nd Colloquium on Process Simulation, Espoo, Finland, 6-8 June, 1995
1995	Youn B & Mills AF	Cooling panel optimization for the active cooling system of a hypersonic aircraft	The Journal of Thermophysics and Heat Transfer, Vol. 9 No. 1, pp136-142, 1995.
1995	Theologos KN, Markatos NC, Lygeros A & Nikou ID	On the simulation of fluid-catalytic-cracking reactors	
1995	Ilegbusi OJ	The role of gas plumes in agitation and mass transfer in metallurgical systems	
1995	Fritsching U & Bauckhage K	Modelling the spray cone behaviour in the metal spray forming process	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 1, pp 68-90, 1995
1995	Grevskott S & Svendsen HF.	The effect of superficial gas velocity and initial turbulence level on radial phase distribution in bubble columns	The AIChE Annual Meeting, Miami, November 1995
1995	Oksanen A & Maki-Mantila E	Application of PDF in methane combustion	European Mechanics Society, Statistical Properties of Turbulent Flames

1995	Oksanen A & Maki-Mantila E	Use of PDF in modelling of nitric oxide formation in methane combustion	3rd International Conference on Combustion Technologies for a Clean Environment, Lisbon, Portugal, July 3-6, 1995
1995	Oksanen A & Maki-Mantila E	Theoretical and experimental study of low-NO <sub>x</sub> gas burning	3rd European Conference on Industrial Furnaces and Boilers, Lisbon, Portugal, April 18-21, 1995
1995	Atkinson G	A numerical model for predicting sediment exclusion at intakes	Internal Report OD130, HR Wallingford
1995	Herzau J, Kubik D, Wanninger K, Petrill E, Dene C, Facchiano T, Kosvic T, Rizk T & Hollinden J.	Methodology for the selection of low NO <sub>x</sub> firing alternatives	1995 American Power Conference
1995	Oksanen A & Karvinen R	Combustion-generated NO <sub>x</sub> and coke in heavy residual fuel oil combustion	Combustion Science and Technology 108, p345, 1995
1995	Ben-Zvi R	Development of a PHOENICS-CHEMKIN interface for reactive flow calculations	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 2, pp 165-212, 1995
1995	Jacobsen T	A multi-domain method for the simulation of pulverised coal fired multiburner furnaces	Proceedings of the 2nd Colloquium on Process Simulation, Espoo, Finland, 6-8 June, 1995
1995	Kersch A	RTP reactor simulations	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 4, pp 500-511, 1995
1995	Sollicc C & Lakenahl D	Numerical simulation and wind tunnel measurement of wind flow past round shaped building	Presented at the 9th Int. Conference on Wind Engineering , New Delhi 9-13 January 1995.
1995	Herzau J, Kubik D, Wanninger K, Petrill E, Dene C, Facchiano T, Kosvic T, Rizk T & Hollinden J.	Methodology for the selection of low NO <sub>x</sub> firing alternatives	Proceedings, EPRI/EPA Joint Symposium on Stationary Combustion NO <sub>x</sub> Control, 1995
1995	Agranat V, Fiterman A & Kribus A	Theoretical and numerical analysis of mixed convection flow and radiative heat transfer in a solar receiver	Proceedings, 3rd Annual Conference of the CFD Society of Canada, Banff, Alberta, June 25-27, 1995
1995	Perrusquia G, Petersen O & Larsen T	Influence of sewer sediments on flow friction and shear stress distribution	Water Science and Technology.



1995	Perrusquia G, Petersen O & Larsen T	Hydraulic resistance in part full sewer pipes	Proceedings, IAWQ Specialised Conference on The Sewer as a Physical, Chemical and Biological Reactor, Aalborg University
1995	Kjaldman L	Numerical simulation of combustion and nitrogen pollutants in furnaces	Dissertation, Technical Research Centre of Finland, VTT Publications 159.
1995	Majander EOJ, Manninen MT, Aittamaa JR, Eilos IH, Keskinen KI & Rihko LK.	Simulation of TAME reactions in a small lab scale reactor using CFD combined with physical properties and reaction kinetics in a flowsheeting program	Proceedings of the 2nd Colloquium on Process Simulation, Espoo, Finland, 6-8 June, 1995
1995	Fuller L, Trammel R, Harshburger E, Kaler M, Tingle P, Rizk T & Kosvic T	Impact of secondary air distribution on NOx generation rate in large utility boilers	Proceedings, EPRI/EPA Joint Symposium on Stationary Combustion NOx Control, 1995
1995	Spalding D.B	Models of turbulent combustion	Proceedings of the 2nd Colloquium on Process Simulation, Espoo, Finland, 6-8 June, 1995
1995	Maki-Mantila E & Oksanen A	Nitric oxide formation in combustion of different gaseous fuels	Tampere University of Technology, Energy and Process Engineering, Tampere, Finland, Report 105, 1995
1995	Brinkmann RP, Vogg G & Werner Ch	Plasma enhanced deposition of amorphous silicon	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 4, pp 512-522, 1995
1995	Vanormelingen J & van den Bulck E.	Optimized combustion in grate fired combustion systems	Submitted for the 3rd European Conference on Industrial Furnaces and Boilers, Lisbon, April 18-21, 1995
1995	Rujano JR & Rahman MM.	Analysis and computation of conjugate heat transfer in trapezoidal microchannel heat sinks in a silicon substrate.	HTD, Vol. 305, 1995 National Heat Transfer Conference - Volume 3, ASME 1995, pp 175- 185.
1995	Acosta FA, Castillejos AH, Almanza R & Flores A	Analysis of liquid flow through ceramic porous media used for molten metal filtration	Metallurgical and Materials Transactions, Vol. 26B, pp159- 171, 1995
1995	Zhubrin SV & Khrupov AP	Airborne pollution dispersion in urban area (in Russian)	Published in 'Vestnik MEI', N3, pp 11-21, 1995
1995	Torvik, R, Gravdahl AR & Fredriksen GR	Design of HPPE stirred autoclaves using 3D computational fluid dynamics	DECHEMA Monographs vo;. 131 - VCH Verlagsgesellschaft 1995
1995	Khrupov AP & Zhubrin SV	Dispersion of gas in a town (in Russian)	Published in The Journal of Theoretical and Applied Science Vol. 3, 1995

1995	Yakushin AA, Yaskin MI & Zhubrin SV	Practical evaluation of turbulent models applied to wind turbine wakes calculations	Presented at "Wind energy applications in non-flat and complex terrain" workshop, Kaiserslautern, 16-17 February 1995
1995	Zhubrin SV	The computer simulation in forecasting effects of oil discharge accidents on underwater pipelines (in Russian)	Published in 'Oil Pipe Transport', N5, pp 20-29, 1995
1995	Werner Ch & Hierlemann M	Application of PHOENICS-CVD to epitaxial Si/Ge, polysilicon and silicon deposition in a range of CVD reactors	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 4, pp 538-552, 1995
1995	Huussen F	Design of a high temperature batch furnace using computer simulation	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 4, pp 523-537, 1995
1995	Poscher S & Schafer M	Simulation of a Si <sub>3</sub> N <sub>4</sub> hot wall batch reactor	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 4, pp 491-499, 1995
1995	Pathanjali C & Rahman MM.	Analysis of heat transfer and contaminant transport in fume hoods.	Dept. of Mechanical Engineering, University of South Florida, Tampa, Florida 33620-5350.
1995	Brinkmann RP, Werner Chr & Fuerst R	The effective drift-diffusion plasma model and its implementation into PHOENICS-CVD	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 4, pp 455-464, 1995
1995	Kersch A	Radiative heat transfer modelling	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 4, pp 421-438, 1995
1995	Christopher DM & Wang BX	Marangoni flow around a vapor bubble	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 3, pp 296-310, 1995
1995	Montenegro HS & Choucino MA	A pulverised coal combustion global model with NO <sub>x</sub> formation	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 3, pp 311-338, 1995
1995	Avila F & Rojas J	Numerical simulation of transient natural convection in a heated inclined wall cavity with two fluids of different density	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 3, pp 339-370, 1995
1995	Mortimore SC	Writing your name in PHOENICS	The PHOENICS Journal of Computational Fluid Dynamics

			and its Applications, Vol. 8 No. 3, pp 371-401, 1995
1995	Kleijn CR & Kuijlaars KJ	The modelling of transport phenomena in CVD reactors	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 4, pp 404-420, 1995
1995	Gadepalli P & Rahman MM.	Conjugate mixed convective heat transfer in electronic equipment.	Dept. of Mechanical Engineering, University of South Florida, Tampa, Florida 33620-5350, USA.
1995	Freeman DJ & Spalding DB	The multi-fluid turbulent combustion model and its application to simulation of gas explosions	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 3, pp 255-295, 1995
1995	Kuijlaars KJ, Kleijn CR & van den Akker HEA	Modelling of gas-phase and surface chemistry in PHOENICS-CVD	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 4, pp 439-454, 1995
1995	Kuijlaars KJ, Kleijn CR & van den Akker HEA	Modelling of a cold wall tungsten CVD reactor: Validation of PHOENICS-CVD	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 8 No. 4, pp 465-490, 1995
1994	Yang Y, Jokilaakso A, Ahokainen T & Teppo O	Gas flow and heat transfer in a waste-heat boiler	Presented at the Warwick User Conference 16-18 November 1994
1994	Winwood R, Benstead R & Edward R	Computer simulation of thermal storage in hollow-core slabs	Presented at the Warwick User Conference 16-18 November 1994
1994	Owen BJ	The use of PHOENICS within Strachen and Henshaw	Presented at the Warwick User Conference 16-18 November 1994
1994	Markatos NC	Mathematical modelling of single and two phase flow problems in the process industries	Published in Revue de Institut Francais de Petrole, Vol. 48, No 6, November 1993
1994	Parodi P, Veneri R, Spazio A, Glynn DR & Taylor K	CFD analysis of the fire detection and suppression in a columbus rack.	Presented at the Warwick User Conference 16-18 November 1994. The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 7, No 4 1994 pp 181-190
1994	Waddington M, Sanderson B, Rao HV & Weston W	The use of computational fluid dynamics in the development of a new range of steam safety valves	Presented at the Warwick User Conference 16-18 November 1994. The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 8, No 1 1995 pp 51-54
1994	Haidar NIA	Computational modelling of turbulent flow across cavities present on aircraft wings.	Presented at the Warwick User Conference 16-18 November 1994. The PHOENICS Journal of

			Computational Fluid Dynamics and its Applications Vol. 7, No 4 1994 pp 98-113
1994	Gevers C, Gardin P, Galpin JM & Regnier MC	Electromagnetic brake influence on molten steel flow and inclusion behaviour in a continuous casting mould	Presented at the Warwick User Conference 16-18 November 1994
1994	Heritage JR	PHOENICS-CVD: a code for the design and development of chemical vapour deposition equipment and processes	Presented at the Warwick User Conference 16-18 November 1994. The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 7, No 4 1994 pp 165-180
1994	Collado FJ	Separation of chemical species in PHOENICS: application to the single-stage gaseous permeation process.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 7, No 3 1994 pp 73-83
1994	Meszana ZG & Johnson AF	A first attempt to calculate the spatial distribution of the dispersity index of a polymer in a polymerisation reactor using PHOENICS	Presented at the Warwick User Conference 16-18 November 1994. The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 8, No 1 1995 pp 55-66
1994	Ludwig JC & Poliakov I	Multiblock and finegrid embedding method in PHOENICS 2.1	Presented at the Warwick User Conference 16-18 November 1994
1994	Markatos NC & Theologos KN	Modelling of vertical pneumatic-conveying hydrodynamics	Published in Appl. Math Modelling 1994, Vol. 18 June
1994	Andreopoulos AG, Karayannis AN & Markatos NC	Experimental and computational investigation of ventilation effectiveness in an industrial building	Published in the Institution of Chemical Engineers.
1994	Delaunay D, Lakehal D & Pierrat D	Numerical approach for wind loads prediction on building and structures	Proceedings of the Wing Engineering Conference, Guernsey 20-24 September 1993.
1994	Lakehal D, Barre C & Sacre C	International symposium on turbulence, heat and mass transfer simulation of turbulent flows around 3d structures with complex geometries.	Presented at the International Symposium on Turbulence Heat and Mass Transfer, Libson Portugal, August 9-12 1994
1994	Spalding DB & Malin MR	New physical models in PHOENICS 2.0, 2.1 & 2.2 (turbulence models, IPSA improvements, surface to surface radiation, other miscellaneous models and improvements)	Presented at the Warwick User Conference 16-18 November 1994

1994	Eichert P, Imbert M & Coddet C	Calculation of a plasma jet using PHOENICS.	Presented at the Warwick User Conference 16-18 November 1994. The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 8, No 1 1995 pp 29-50
1994	Hornby RP, Fung MTR & Hulme G	A PHOENICS model for the assessment of moisture transport during decommissioning of engineering plant	Presented at the Warwick User Conference 16-18 November 1994. The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 7, No 4 1994 pp 150-164
1994	Savvas TA, Markatos NC & Paspaspyrides CD	On the flow of non-Newtonian polymer solutions.	Printed in Appl. Math. modelling 1994, Vol. 18 January
1994	Fung MTR & Hornby RP	A PHOENICS model for the prediction of the discharge time of boric acid from the emergency boration system of sizewell 'B' PWR	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 7, No 3 1994 pp 1-13.
1994	Hu Shih C, Fan NW & Hu Yie-Zu R	Optimization of the display case design using numerical models.	9th National Conference on Mechanical Engineering CSME, Koatsiung, November 1992, ROC. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 7, No. 1 1994, pp 1-7.
1994	Poliakov I & Semin V	Development and evaluation of new linear equation solvers for PHOENICS.	The PHOENICS Journal of Computational Fluid Dynamics and Its Applications, Vol. 7, No. 1, pp 34-57.
1994	Siiskonen P, Hyoty P, Sutinen A & Karvinen R	A numerical study of char bed burning rates.	Proc. TAPPI 1993 Engineering Conference, pp 287-292
1994	Oksanen A	Numerical modelling of combustion processes.	Helsinki University of Technology, Otaniemi, Finland, December 9, 1993.
1994	Oksanen A	Combustion generated NOx and coke in heavy residual fuel oil combustion.	2nd International Conference on Combustion Technologies for a Clean Environment, Lisbon, Portugal, July 19-22 1993
1994	Declercq J	Studie van het stromingspatroon in een houtverbrandingsketel. (Simulation of the fluid flow in a cold flow model of a wood combustion furnace).	Presented at The PHOENICS UK User Meeting, Wimbledon London, May 18th, 1993.
1994	Taskinen P	Penetration of methane and propane spray as function of	The PHOENICS Journal of Computational Fluid Dynamics

		the time in the axisymmetric chamber.	and Its Applications, Vol. 7, No. 2, 1994, pp 124-130
1994	Collado FJ, Montenegro HS & Choucino MA	CFD simulation of in-furnace dry sorbent injection burning low sulphur content coals.	Presented at the International Conference on Carbon called Carbon '94, July 1994 in Granada, Spain The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 7, No 2 1994, pp 131-142
1994	Baltas ND & Spalding DB	MIMD PHOENICS: Porting a computational fluid dynamics application to a distributed memory MIMD computer.	Proceedings Int. Conf. Massively Parallel Processing 21- 23 June 1994 at TU DELFT, The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 7, No 3, pp 84-97.
1994	van den Berghe CS & Baltas ND	DAP PHOENICS: Porting a CFD code to a SIMD Computer.	Proceedings Int. Conf.. Massively Parallel Processing 21- 23 June at TU Delft. Also published in: Simulation Practice and Theory, Elsevier, 1995.
1994	Baltas ND & van den Berghe CS	Comparison of the porting of a Computational Fluid Dynamics Application to SIMD and MIMD Computers.	Proceedings Int. Conf.. Massively Parallel Processing 21- 23 June 1994 at TU DELFT.
1994	Panagopoulos J, Karayannis A & Markatos NC	A new approach to the modelling of environmental flows and pollutants dispersion in urban areas. The case of the Athens underground.	Presented at the Warwick User Conference 16-18 November 1994. The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 7, No 4 1994 pp 114-125
1994	Poliakov I & Semin V	An introduction into the method for implementing multi-block grids and/or grids with refinements in PHOENICS v 1.0.	CHAM Technical Report TR401. The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 7, No 2 1994, pp 143-172
1994	Buxton A, Barozzi GS, Belyavin AJ & Davies TW	A CFD study of heat transfer mechanisms in liquid cooled garments	Presented at the Warwick User Conference 16-18 November 1994.
1994	Montenegro HS & Choucino MA	Thermal dissipation in a natural basin	The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 7, No 3 1994 pp 14-36
1994	Sheng YY & Irons GA	Mathematical modelling of flow and heat transfer in a physical model of submerged arc electric smelting with gas injection.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 7, No 3 1994, pp 37-58

1994	Ranade VV	Simulation of flow mal-distribution in a fixed bed reactor using PHOENICS	The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 7, No 3 1994 pp 59-72
1994	Gouvalias GS & Markatos NC	Mathematical modeling of heat and mass transfer in packed bed adsorbers/regenerators	Published in the AIChE Journal, November 1993 Vol. 39, No. 11
1994	Thomson A & Fraser CJ	Taguchi methods in CFD	Presented at the Warwick User Conference 16-18 November 1994
1994	Gadepalli P & Rahman MM.	Computation of three-dimensional mixed convective boundary layer flow.	Proceedings of NASA Sixth Annual Thermal and Fluid Analysis Workshop, Cleveland, Ohio, August 15-19, 1994.
1994	Znaty E, Lequette L & Steinfield P	Theseus: a high functionality CFD code with unstructured grids	Presented at the Warwick User Conference 16-18 November 1994.
1994	Jacobsen T	A multi domain method for PHOENICS	Presented at the Warwick User Conference 16-18 November 1994. The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 8, No 1 1995 pp 8-28
1994	Karayannis A	New PHOENICS-CAD interface	Presented at the Warwick User Conference 16-18 November 1994.
1994	van den Berghe CS	PHOENICS SIMD parallelisation - DAP PHOENICS	Presented at the Warwick User Conference 16-18 November 1994.
1994	Young C	Interfacing using the GENIE system	Presented at the Warwick User Conference 16-18 November 1994 The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 8, No 1 1995 pp 1-7
1994	Preuer A	Numerical investigation of the gas bubble driven steel flow and the formation of the free bath surface in a steel ladle.	The PHOENICS Journal of Computational Fluid Dynamics and Its Applications, Vol. 7, No. 2, pp 107-123.
1994	Markatos NC & Kotsifaki CA.	One-dimensional, two-fluid modelling of turbulent, premixed flames	Applied Mathematical Modelling, vol. 18, pp 646-657, 1994
1994	Kravchik T & Sher E	Numerical modelling of spark ignition and flame initiation in a quiescent methane-air mixture	Combustion and Flame 99, pp 635-643, 1994
1994	Ilegbusi OJ & Szekely J	Interfacial phenomena and computational fluid mechanics in materials processing	ISIJ International, Vol. 34 No. 12, pp943-950, 1994

1994	Waterson NP	Development of a bounded higher-order convection scheme for general industrial applications	Project Report 1994-33, von Karman Institute for fluid dynamics, Belgium, 1994
1994	Kocaefe D, Bui RT & Provencher R	One-phase model for stirring solid-liquid mixtures	Symposium on Recent Developments in Light Metals, 33rd Conference of Metallurgists, CIM, Toronto, pp49-60, 1994
1994	Bui RT, Simard G, Charette A, Kocaefe Y & Perron J	Mathematical modeling of the rotary coke calcining kiln	Canadian Journal of Chemical Engineering, September 1994
1994	Kribus A, Fiterman A, Doron P, Karni J & Agranat V	Energy transport in a DIAPR-type receiver	7th International Symposium on Solar Thermal Concentrating Technologies, Moscow, September 1994
1994	Huang PC, Heberlein J & Pfender E	A two-fluid model of turbulence for a thermal plasma jet	Plasma Chemistry and Plasma Processing, Vol. 15 no. 1, 1995
1994	Theologos KN & Markatos NC.	Modelling of vertical pneumatic-conveying hydrodynamics	Applied Mathematical Modelling, Vol. 18, pp 306-320 June 1994
1994	Kim S & Mills AF	Low Reynolds number performance of a model perforated plate heat exchanger matrix	Proceedings, 10th International Heat Transfer Conference, Brighton, August 1994.
1994	Gustafsson P	Measurements and magnetic flow control of magnetite ore flow and numerical simulations of granular flow	Licentiate thesis, Lulea University of Technology Division of Mining Engineering
1994	Svensson U	Flow, pressure and salinity distributions around planned experimental sites at the Aspo hard rock laboratory	Progress Report 25-94-11, Aspo Hard Rock Laboratory, Sweden
1994	Klose G	Investigation of the capabilities of standard and modified k-e models to predict the flow field behind two-dimensional multiple channels	Report A5, Tampere University of Technology Department of Mechanical Engineering, Tampere, Finland
1994	Karayannis AN & Markatos NC	Mathematical modelling of heat exchangers	Presented at the 10th Int. Heat Transfer Conf.. Brighton August 14-18 1994.
1994	Fureby C, Moller S-I & Lundgren E	Large eddy simulation of combustion	Lund Report on Combustion Physics LRCP-13, Lund Institute of Technology, Sweden, 1994
1994	Gopinath A & Mills AF	Convective heat transfer due to acoustic streaming across the ends of a Kundt tube	Published in The Journal of Heat Transfer Vol. 116, pp47-53, 1994



1994	Vanormelingen J & van den Bulck E.	Optimal air flow distribution in grate fired combustion systems	Proceedings, EUROTHERM seminar no. 35, Compact Fired Heating Systems, Leuven, May 26-27, 1994
1994	Johansen C, Larsen T & Petersen O	Experiments on erosion of mud from the Danish Walden Sea	Proceedings, 4th Nearshore and Estuarine Cohesive Sediment Transport Conference, Wallingford, UK
1994	Petersen O & Krishnappen BG	Measurements and analysis of flow characteristics in a rotating circular flume	Journal of Hydrodynamic Engineering, IAHR, vol. 32 no. 4, pp 483-494.
1994	Petersen O	Laboratory and numerical experiments on the dilution of buoyant surface plumes	Recent Research Advances in the Fluid Mechanics of Turbulent Jets and Plumes, pp223-235. Kluwer Academic Publishers, the Netherlands
1994	Petersen O & Larsen T	Dilution of dense bottom plumes in turbulent currents	Proceedings, 4th International Symposium on Stratified Flows, Vol. 3. Grenoble, France
1994	Bui RT, Ouellet R & Kocaeefe D	A two-phase flow model of the stirring of AL-SiC composite melt	Metallurgical and Materials Transactions, 25B, pp 607-618, 1994
1994	Dahl C, Larsen T & Petersen O	Numerical modelling and measurement in a test secondary settling tank	Proceedings, 17th IAWQ Biennial International Conference, Budapest, Hungary. Also published in Water Science Technology, Vol. 30, No. 2, pp 219-228, 1994, Pergamon Press.
1994	Poliakov I & Semin V	An introduction into the method for implementing multi-block grids and/or grids with refinements in PHOENICS.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 7, No. 2, pp 143-172,1994.
1994	Pedersen MK & Andersen P	Sedimentation i procestanke (Modelling of sedimentation in process tanks at Cheminova process plant) (in Danish).	M.Sc. Thesis, Department of Civil Engineering, Aalborg University, Denmark.
1993	He P & Salcudean M	Computation of film cooling of turbine blades.	Presented at the Proceedings Conference of the CFD Society of Canada, Montreal, June 14-15 1993, pp 393-400
1993	Lin S, Bennett A, Jonasson K & McCracken T	CFD simulation of an industrial gas scrubber.	Presented at the Proceedings Conference of the CFD Society of Canada, Montreal, June 14-15 1993, pp 381-392
1993	Drake S, White M, Felthouse A, Fanderton C & Glanfield S	Computational analysis of air and heat flow in electronic systems.	Internal report. In order: CHAM, Motorola, Thorn Automation, Northern Telecom Europe

1993	Fleck B & Dumas G	Direct numerical simulation of centrifugal convection flows.	Presented at the Proceedings Conference of the CFD Society of Canada, Montreal, June 14-15 1993, pp 401-412
1993	Huang PC	A Turbulent Swirling ARC Model and a Two-Fluid Turbulence Model for Thermal Plasma Sprays	A thesis submitted to the Faculty board of the Graduate School of the University of Minnesota, in partial fulfillment of the requirements for the Degree of Philosophy
1993	Bauwens L	Flame sheet models for reacting flows.	Presented at the Proceedings Conference of the CFD Society of Canada, Montreal, June 14-15 1993, pp 351-362
1993	Drew BC	Flow simulations using an unstructured and solution adaptive grid.	Presented at the Proceedings Conference of the CFD Society of Canada, Montreal, June 14-15 1993, pp 337-350
1993	Mendonca FG & Bretton AS	Simulation of in-cylinder fuel mixing in a large spark ignition lean burn engine.	Experimental & Predictive methods in Engine Research & Development. IMechE Ref: IMechE 1993/10.
1993	Duursma RPJ	Application of the scalar equation method to mould filling.	Summary of a presentation at the 5th Int. PHOENICS User Conference, September 21-25 1992, Nice, France. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6 No. 4 1993, pp 477-480 & Ji-Jvi.
1993	Banas AO, Carver MB & Whitehead CA	Numerical studies of flow and heat transfer around candu fuel-element bearing pads.	Presented at the Proceedings Conference of the CFD Society of Canada, Montreal, June 14-15 1993, pp 363-380
1993	Vallet MG	Anisotropic adaptive meshes for FEM.	Presented at the Proceedings Conference of the CFD Society of Canada, Montreal, June 14-15 1993, pp 313-324
1993	Fraser SM & Zhang T	Improved k-e modelling of impeller flow performance of a mixed-flow pump under off-design operating.	Published in the Proc Instn Mech Engineers Journal Vol. 207, June 1993, pp 219-229.
1993	Afshar M & Rabi Baliga BR	Comparative evaluation of six interpolation schemes used in finite-volume discretizations of the convection-diffusion equations.	Presented at the Proceedings Conference of the CFD society of Canada, Montreal, June 14-15 1993, pp 301-312

1993	Neve RS	Contaminant concentration on pipe walls following radial jet injection: a cfd approach.	Internal report. Thermo-Fluids Engineering Research Centre. Dept. of Mechanical Engineering/Aeronautics. City University of London, EC1V 0HB
1993	Karagiozis, Achilles N & Hamlin T	Application of the wallfem computer model for hygrothermal analysis of high rise construction basement.	Presented at the Proceedings Conference of the CFD Society of Canada, Montreal, June 14-15 1993, pp 205-220
1993	Chang BH & Mills AF	Computation of heat transfer from impinging turbulent jets	The 6th International Symposium on Transport Phenomena in Thermal Engineering, Seoul, Korea, May 9-13, 1993
1993	Chang BH & Mills AF	Turbulent flow in a channel with transverse rib heat transfer augmentation	Published in The International Journal of Heat and Mass Transfer Vol. 36 No. 6, pp1459-1469, 1993
1993	Carey C, Scanlon TJ & Fraser SM	SUCCA an alternative scheme to reduce the effects of multidimensional false diffusion.	Published in the Appl. Math. Modelling Journal, May 1993, Vol. 17, pp 263-270
1993	Scanlon TJ, Carey C & Fraser SM	SUCCA3D an alternative scheme to reduce false diffusion in three-dimensional flows.	Published in the Proc. Instit. Mech Engineers Journal Vol. 207, June 1993, pp 307-313
1993	Kokkalis A, Wardle MH & Wilson FT	PHOENICS applications at Westland helicopters Ltd.	Presented at The PHOENICS UK User Meeting, Wimbledon London, May 18th, 1993.
1993	Fraser SM & Khater R	LDA measurements and CFD simulation of an annular impinging jet.	Published in the Laser Anemometry Advances and Applications Journal 1993, SPIE vol. 2052, pp 579-586.
1993	Baskaya S, Gilchrist A & Fraser SM	LDA measurements and numerical simulation of the induced flow through a rectangular chamber containing a vertical cylindrical heat source.	Published in the Laser Anemometry Advances and Applications Journal SPIE vol. 2052, 1993, pp 571-578.
1993	Fraser SM & Yi Z	An interface between experimental data and CFD simulated data.	Published in the Laser Anemometry Advances and Applications Journal SPIE vol. 2052, 1993, pp 587-594.
1993	Barron RM, An FD & Zhang S.	Survey of the streamfunction as a coordinate method in CFD.	Presented at the Proceedings Conference of the CFD Society of Canada, Montreal, June 14-15 1993, pp 325-336
1993	Beale SB & Spalding DB	Unsteady flow in a rotated square tube bank.	8th International Conference on Numerical Methods in La minar &

			Turbulent Flow, Swansea 19-23 July 1993
1993	Turrillas X, Tarling S, Barnes P, Steiner HJ & Fueyo N	A new experimental set up for powder x-ray diffraction at high temperature.	Internal report. In order: Industrial Materials Group, Dept. of Materials, I.C.S.T.M., CHAM
1993	Andersson SL & Schoon NH	Methods to increase the efficiency of a metallic monolithic catalyst.	American Chemical Society, 1993
1993	Dahl C	Numerical modelling of flow and settling in secondary settling tanks.	Ph.D. Thesis, Department of Civil Engineering, Aalborg University, Denmark.
1993	Triboix A & Lenant Y	Une methode de prise en compte des echanges radiatifs entre parois au sein d'un code de calcul de dynamique des fluides. Application a un nouveau procede de climatisation: "plafond diffusant".	Sent to "Revue generale Thermique" 1993.
1993	Green SR & Clothier BE	Simulating water and chemical movement into unsaturated soils.	The PHOENICS Journal of Computation Fluid Dynamics and its Applications, Vol. 7 No. 1 1994, pp 76-92.
1993	Jaaskelainen K & Vuorio P	Computational analysis of coal combustion in boiler furnaces.	Swedish-Finish Flame Days 1993, Gothenburg, September 7-8 1993
1993	Critten DL	Some new ideas about turbulence.	Speculations in Science and Technology, 1993 Vol. 16, No 2, page 93
1993	Breen BP, Urich JA, Smith BL, Kramer ED & Spalding DB	Development of a computer model for evaluation of NOx control alternatives.	Internal report. In order: Energy Systems Associates, Burns & McDonnell, PSI Energy, CHAM
1993	Clarkson RJ, Benjamin SF, Jasper TS & Girgis NS.	An integrated computational model for the optimisation of monolith catalytic converters	Presented at the joint IMechE/SAE Vehicle Thermal Management Systems Conference, Columbus, Ohio, March 1993
1993	Garza RG	**** A mathematical model of the high velocity oxygen fuel thermal spraying gun.	Submitted to the Department of Materials Science and Engineering in partial fulfillment for the degree of Masters of Science in Materials Engineering at the Massachusetts Inst. of Technology, USA.
1993	Spalding DB & Beale SB	Transient fluid flow and heat transfer in an in-line tube bank.	Proceedings of IMechE Conference. Engineering Applications of Computational

			Fluid Dynamics Conference Volume. pp. 119-132.
1993	Grundberg S	Simulation of the surface layer of a stratified atmosphere using PHOENICS.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 7, No. 1 1994, pp 8-33.
1993	Hura HS & Breen BP	A chemical kinetic investigation of nitric oxide reduction by natural gas reburning in pulverized coal fired boilers.	Submitted to the Combustion Science & Technology Conference Jan 1993.
1993	Alizadeh S & Moss JB	Flowfield prediction of NO <sub>x</sub> and smoke production in aircraft engines.	81st AGARD Propulsion & Energetics Panel Symposium " Fuels & Combustion Technology for Advanced Aircraft Engines". Colleferro, Italy, May 1993.
1993	Marchin F & Brion L	Laser et modelisation: des outils nouveaux pour le perfectionnement des bruleurs domestiques.	Revue G,n,rale de Thermique, 3 rue Henri-Heine, 75016 No 374, February 1993, Paris
1993	Jal EN & Tinoco H	Mathematical modelling of industrial power condensers with an application to droplet erosion.	Internal report. (Jal) CHAM. (Tinoco) Vattenfall Utveckling AB, Sweden.
1993	Ni W, Kawall JG & Keffer JF.	On the velocity and temperature fields of a heated turbulent jet in a cross-flow.	Dept. of Mechanical Engineering, University of Toronto, Toronto, Ontario, Canada M5S 1A4.
1993	Agranat V, Fiterman A & Luntz A	PHOENICS simulation of flow and heat transfer in solar receiver chamber	Technical Report, Issumit Temed Ltd., Israel
1992	Svensson U	Dispersion in a fractured rock.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No. 3 , pp 239-252, 1993.
1992	Hulme G & Curzon AF	Analysis of fast reactor steam generator performance.	NNC Ltd., Warrington, Cheshire
1992	Hulme G	Computer modelling of transient mixed convection in the hot pool of an LMFBR.	Internal report. NNC Ltd., Warrington, Cheshire
1992	Kenworthy G, Smith EPR & Hulme G	Intermediate plenum and mixed convection flows.	Internal report. (Kenworthy and Hulme) NNC Ltd., Warrington, Cheshire. (Smith) UKAEA UK.
1992	Gopinath A & Mills AF	Convective Heat Transfer due to Acoustic Streaming across the ends of a kundt tube.	Internal report. Dept. of Mechanics, Aerospace and clear Engineering, University of

			California, Los Angeles, California USA
1992	Naslund E, Svensson U & Karlsson E	Boundary layer flow over Sundsvall.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No. 3, pp 222-238 & Fi-Fxi, 1993.
1992	Fung MTR	Numerical computation of buoyancy-dominated heated upward gas flow along an artificial-rough cylinder at moderate Reynolds numbers.	Heat Transfer 3rd UK National Conference Incorporating 1st European Conference on Thermal Sciences, Vol. 1.
1992	Smith AG & Kopmels M	Prediction of coanda effect flow fields.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No. 4, pp 408-426, 1994.
1992	Triboix A, Dondainas N & Coulibaly A	An algorithm for body fitted coordinate generation using analogy with flow in porous media.	Presented at the 5th International PHOENICS User Conference, Nice, September 1992. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Conference 1992, pre-print papers, Vol. 6, No 2 1993, pp 253-269.
1992	Barthod D	Symmetrical curtain coating flow modelling.	Presented at the 5th International PHOENICS User Conference, Nice, September 1992. The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No. 4 1993, pp 368-384 & li-lxix
1992	Duursma RPJ	Low Reynolds number model of turbulence and conjugate heat transfer in steel ladles.	Presented at the 5th International PHOENICS User Conference, Nice, September 1992. The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 6, No 4 1993, pp 452-476
1992	Kjaldman L		Published in Powder Technology, 71 (1992) pp 163-169
1992	Yashkin MI & Zhubrin SV	An application of DELA model to the cryogenic wind tunnel simulation.	Internal report. (Yashkin) Moscow Energy Institute. (Zhubrin) CHAM MEI, 111116 Box, 555 Energeticheskay str 8-1, Moscow, Russia. The PHOENICS Journal of Computational Fluid Dynamics

			and its Applications, Vol. 7 No. 1, pp 58-75
1992	Yi Z	Three dimensional turbulent flow simulation in a mixed-flow pump.	Thesis, University of Strathclyde, June 1992
1992	Preuer A, Winter J & Hiebler H	Computation of the iron flow in the hearth of a blast furnace.	Steel Research 63, No. 4 1992
1992	Gopinath A & Mills AF	Effects of variable fluid properties and side wall conduction coupled with radiation on convective heat transfer due to acoustic streaming in a kundt tube.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 5 No 4
1992	Leitner A	Flow computation for high altitude simulation test facility.	Heat and Mass Transfer Group, RAFAEL Haifa, Israel
1992	Parsons IM & Porter KE	Gas flow patterns in packed beds: a computational fluid dynamics model for wholly packed domains.	Gas Separation & Purification 1992 Vol. 6, No. 4
1992	Zuba GH	Analysing the transport and diffusion of pollutants from industrial and urban sources.	Presented at the Basel CFD Conference 1992.
1992	Carey C, Scanlon TJ & Fraser SM	SUCCA a new scheme to reduce the effects of multi-dimensional false diffusion.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 5 No 2, pp 134-174
1992	Maeda T	Enthalpy methods by impact scheme for solidification simulation.	
1992	Green SR	Modelling turbulent air flow in a stand of widely-spaced trees.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 5 No 3, pp 294-312
1992	Brunet M & Lise J	A moving mesh model for the prediction of hydrodynamic viscous force acting on oscillating bodies (eg cylinders).	Presented at the 5th International PHOENICS User Conference, Nice, September 1992. The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 6, No 4 1993, pp 385-407
1992	Verlaan CCJ, van der Aart MF & de Graauw J	Evaluation of the accuracy of the k-epsilon model for rectangular channel flow.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 5, No 3, pp 281-293
1992	Caprino G & Traverso A	Progress in Multiblock technique for flow calculation around ship hull with PHOENICS.	The PHOENICS Journal of Computational Fluid Dynamics and Its Applications, Vol. 5, No. 1, pp 53-80, 1992.

1992	Maeda T	Addendum PHOENICS-MHD programmers manual.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 5 No 3, pp 313-323
1992	Best T & Duffield JS	Modelling of non-equilibrium two-phase venting from chemical reactors.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol5 No 1, pp 1-39. Published by CHAM
1992	Chen Q & Dalhuijsen AJ	A design tool for optimal thermal comfort and air quality in a passenger car.	Proc. 2nd Int. Conference on Vehicle Comfort, October 14-16 Bologna, Italy.
1992	Youn B & Mills AF.	Variable property flow in rectangular ducts with repeated rectangular rib roughness.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 5, No 2, pp 175-232, 1992.
1992	Kim JY, Lai MC, Li P & Chui G.	Modeling diffuser-monolith flows and their implications for automotive catalytic converter design.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 5, No 2, pp 101-133, 1992.
1992	Turkoglu H & Farouk B.	Effect of gas injection velocity on mixing and heat transfer in molten steel baths.	Numerical Heat Transfer Part A, Vol 21, pp 377-399, 1992.
1992	Theologos KN & Markatos NC.	Modelling of flow and heat transfer in fluidized catalytic cracking riser-type reactors.	Trans I Chem E vol. 70, Part A, May 1992.
1992	Amer AA, Jurban BA & Hamdan MA.	Comparison on different two-equation turbulence models for prediction of film cooling from two rows of holes.	Numerical Heat Transfer Part A, Vol. 21, pp 143-162. Published by Hemisphere Publishing Corporation, 1992.
1992	Boparai MK.	Personal experiences in the use of PHOENICS.	CFD Community Club Steering Group Notes. Rutherford Appleton Laboratory, 1992.
1992	Uhlenwinkel V, Bauckhage K & Fritsching U.	Investigations on the atomization of molten metals: the coaxial jet and the gas flow in the nozzle vicinity.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 5, No 1, pp 81-98, 1992.
1992	Mariotti G	Numerical simulation of the flow in the ENEL-CRTN transonic wind tunnel and comparison against experimental measurements.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 5 No 1, pp 40-52
1992	Kjaldmann L & Jacobson T	A PHOENICS based computation environment for boiler furnace simulations.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No. 1, pp 100-117, 1993.



1992	Kenbar AMA, Beltagui SA & Maccallum NRL	Modelling the combustion aerodynamics for a peripheral fuel-injection flame.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No. 3, pp 286-308, 1993.
1992	Hernandez J, Zamora B & Campo A	Natural convection laminar flows in arrays of vertical parallel plates.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No 2, pp 171-190, 1993.
1992	Mege P & Ferschneider G	Numerical modelling of turbulent gas-solid flow.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No. 2, pp155-169, 1993.
1992	Janssen G, Lamers A & Jansen J	A numerical parameter study for a turbulent backward facing step problem.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 5, No. 4, pp370-380, 1992 and Vol. 6, No. 2, pp 144-154, 1993.
1992	Pavitsky NI, Yakushin AA & Zhubrin SV	Vehicular exhaust dispersion around a group of buildings.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No. 3, pp 270-285 & Gi-Gx, 1993.
1992	Kravchik & Sher E	A PHOENICS model of spark ignition development and flame propagation in internal combustion engine.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No. 2 , pp 118-143 & Bi-Bxviii, 1993.
1992	Smith AG	The prediction of air breathing engine and rocket motor exhaust plume flowfields and infa-red signatures.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No. 4 , pp 427-451, 1993.

1992	Chen Q, Moser A & Suter P	A numerical study of indoor air quality and thermal comfort under six kinds of air diffusion.	ASGRAE Vol. 98, Part 1 1992
1992	Raupenstrauch H, Posch M & Staudinger G	Drying of a packed bed of solid fuel particles.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No. 4, pp 346 - 367, 1993.
1992	Chen Q & Jiang Z	Significant questions in predicting room air motion.	ASHRAE Vol. 98, Part 1 1992
1992	Hemstrom B & Lunstrom A	Numerical modelling of the mixing process in the downcomer of a BWR.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No 1, pp 81-99, 1993.
1992	Ronnquist G & Sundén B	Numerical investigation of a boron dilution process in a PWR-reactor.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No. 1, pp 56-80, 1993.
1992	Hornby RP	A generalised PHOENICS model for the prediction of damaged fuel pin temperatures in an advanced gas cooled reactor.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6 No. 1, pp 1-55 & Ai - Axxix, 1993.
1992	Adair D, Malin MR & Younis BA	Calculations of the concentration field of a turbulent methane jet.	Appl. Math. Modelling 1992 vol. 16 September. Published by Butterworth-Heinemann
1992	Panizzola M & Pugliese V	Computational fluid dynamics applications to spacecraft thermal environment design.	ATTI 10th National Congress on Heat Transmission 25-27 June 1992. University of Genoa.
1992	Yuan X, Chen Q, Moser A & Suter P	Numerical simulation of air flows in gymnasias.	Indoor Environ. 1992 1, pp 224-233
1992	Bourabaa N & Desmet B	Numerical and experimental study of gas mixing.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No. 2, pp 191-204 & Di-Dvi, 1993.

1992	Smith AG, Ayris JN & Beasley J	The modelling of blast wave propagation using PHOENICS.	Published in the Proceedings of the 5th International PHOENICS Conference, Nice, 1992 and in The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 6, No 3, pp 325-341 & Hi-Hx, 1993.
1992	Chauvot JF	CFD with PHOENICS at Aerospatiale, Espace and Defense.	Presented at the 5th International PHOENICS User Conference, Nice, September 1992. The PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 6, No 3 1993, pp 309-324
1992	Katayama T, Hashimoto R, Taniguchi H & Kudo K.	Development of a new method for coupled heat transfer and chemical reaction simulation in tubular type steam reforming furnace.	ICHMT 2nd International Forum on Expert Systems and Computer Simulation in Energy Engineering, University of Erlangen, 17-20 March 1992.
1992	Zhubrin S & Yakushin A.	Calculations of steady three-dimensional turbulent flow and heat transfer in model reservoir.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 5, No. 4, pp 381-420,1992.
1992	Castillejos AH, Acosta FA & Almanza JM	Metal filtration with a new ceramic porous medium: CEFILB	In 'Light Metals 1992', ed. Euel R Cutshall, 1992
1992	Fahlgren M & Hahn T	Numerical simulations and LDA measurements of Newtonian and non-Newtonian jet flow.	Proceedings, The 7th European Congress on Mixing, Brugge, 18-20 September 1991. The Royal Flamish Society of Engineers, The Netherlands.
1992	Petersen O	Applications of turbulence models for transport of dissolved pollutants and particles.	Series paper 4, Department of Civil Engineering, Aalborg University, Denmark, July 1992
1992	Hernandez J & Crespo A	Numerical modelization of horizontal turbulent jet diffusion flames.	5th International PUC Conference, Nice. Published inThe PHOENICS Journal of Computational Fluid Dynamics and its Applications, Conference 1992, pre-print papers, Vol. 6, No 2 1993, pp 205-221 & Ei-Exiv
1992	Hardie GJ, Cross M, Batterham RJ, Davis MP & Schwartz MP	The role of mathematical modelling in the development of the HISMelt process	10th Process Technology Conference Proceedings, ISS/AIME, 1992
1992	Bradley D, Lau AKC & Lawes M	Flame stretch rate as a determinate of turbulent burning velocity.	

1992	Jacobs GP, Barner HE & Bourhis AL	Utilization of PHOENICS in the design of the modar scwo reactor.	Presented in session "Reactions in Supercritical Fluids", 1992 Annual AIChE Meeting, Miami Beach, Florida, November 1-6, 1992.
1992	Petersen O	Applications of turbulence models for transport of dissolved pollutants and particles	Dissertation, Department of Civil Engineering, Aalborg University, Denmark.
1991	Langsholt M & Thomassen D.	The computation of turbulent flow through pipe fittings and the decay of the disturbed flow in a downstream engine cylinder transfer passage.	Flow Mea. Instrum. Vol. 2 January 1991, pp 45-55. Published by Butterworth-Heinemann Limited.
1991	Cusack BL, Hardie J & Burke PD.	Hismelt: 2nd generation direct smelting.	Internal report. CRA Ltd. / Klockner Werke. Joint venture Hismelt Process, 1982/1993.
1991	Keogh JV, Hardie GJ & Philp DK.	Hismelt process advances to 100,000 t/y plant .	Internal report on the Hismelt Process, Hismelt Co Pty Ltd. / CRA Ltd. / Klockner Werke, 1981.
1991	Innes JA, Cusack BL, Batterham RJ, Hardie GJ & Burke PD.	The Hismelt process: adding value to Australian mineral resources.	Internal report. Joint venture: CRA Ltd. and Midrex Corp regarding Hismelt process development, 1982/1993.
1991	Shih PH, Pen CL, Chien LC & Hong WT.	Numerical and experimental studies of the fluid mechanics characteristics of a two-stroke spark ignition engine.	8th National Conference on Mechanical Engineering CSME Taipei, 1991.
1991	Mendonca FG, Shah P & Glynn DR	Modelling of in-cylinder aerodynamics using a body-fitted moving grid	Proceedings, The 4th International PHOENICS User Conference, Miami Florida, April 1991 and The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 5, No. 3, pp 234-280, 1992.
1991	Bui RT, Simard G, Kocaeffe Y, Charett A, Lacroix M, Jain S, Perron J, Proulx A & Barr P.	3d-simulation of the thermal performance of a coke calcining kiln.	Internal Report. (Bui) University of Quebec, Dept. of Scientific Applications, 1991.
1991	Jambunathan K, Lai E, Hartle SL & Button BL.	Development of an intelligent front-end for a computational fluid dynamics pack.	1991 Computational Mechanics Publications Artificial Intelligence in Engineering, Vol. 6, No 1, 1991.
1991	du Toit CG, von Backstrom TW & Pool CH.	The numerical tracking of the canard tip vortices of a missile model.	Proceedings of Third South African Aeronautical Engineering Conference, Pretoria, SA, 14-16 August 1991.

1991	du Toit CG & Kroger DG.	Numerical modelling of recirculation in mechanical-draught heat exchangers.	Proceedings of 1st ICHMT Numerical Heat Transfer Conference & Software Show, 22-26 July 1991, Guildford, Surrey, UK.
1991	Richards PJ & Hoxey PR.	Computational and wind tunnel modelling of mean wind loads on the silsoe structures building.	Proceedings of 8th Int. Conference on Wind Energy-London Ontario Canada, 8-12 July 1991.
1991	Emslie SV.	The role of cfd modelling in design for safety and environmental management.	
1991	Campbell DJ & Blair GP.	The design of small capacity two-stroke engines to obtain good power and low emissions characteristics	CVI Berichte NR. 875, pp 239-260, 1991
1991	Chen H-B	Turbulent buoyant jets and plumes in flowing ambient environments	Series paper 3, Department of Civil Engineering, Aalborg University, Denmark, August 1991
1991	Malin MR & Younis BA.	Calculation of stably-stratified turbulent mixing layers with an improved reynolds-stress closure.	Proceedings of XXIV IAHR Congress September 9-13 Madrid, Spain, 1991.
1991	Phelps PJ & Waterson NP	A computer model for the analysis of tank spills and containment overflows	Proceedings, The 4th International PHOENICS User Conference, Miami, USA April 1991 and The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 5, No. 4, pp 381-420, 1992.
1991	Dahl C, Petersen O & Larsen T	Development of a numerical model for secondary clarifiers	Proceedings, XXIV IAHR Congress, Madrid, Spain
1991	Chen HB, Larsen T & Petersen O	Turbulent buoyant jets in flowing ambients	Environmental Hydraulics, vol. 1, pp 97-102 Balkema, Rotterdam
1991	Lerotheou CS & Galea ER	Fire field modelling in a parallel computing environment: an initial study.	Published in the Proceedings of the 1st ICHMT International Numerical Heat Transfer Conference and Software Show, July 22-26 1991, Guildford, Sy, pp 90-99, part II
1991	Zhubrin SV, Pavitskiy NI & Yashkin MI	Computer simulation standardized by PHOENICS interfaces: feasibility study of model for two-phase flow calculations.	Published in the Proceedings of the 1st ICHMT International Numerical Heat Transfer Conference and Software Show, July 22-26 1991, Guildford, Sy, pp 76-89, part I

1991	Korolyova IB, Niculin DA & Strelets M Kh	Numerical simulation of 2-d and 3-d non-steady turbulent gas mixture flows with large density gradients in ventilation systems.	Published in the Proceedings of the 1st ICHMT International Numerical Heat Transfer Conference and Software Show, July 22-26 1991, Guildford, Sy, pp 66-75, part I
1991	Dzodzo M	Application of rectangular coordinates to the problem of laminar natural convection in enclosures of arbitrary cross- section.	Published in the Proceedings of the 1st ICHMT Internati onal Numerical Heat Transfer Conference and Software Show, July 22-26 1991, Guildford, Surrey, pp 1-11, part II
1991	Tsai R & Mills AF	Modeling of electrostatic precipitators.	Internal report. University of California, Los Angeles, California USA
1991	Edler R & Berger P	A new nozzle configuration for laser cutting.	Internal report. Univ. of Stuttgart, Pfaffenwaldring 43 D 7000 Stuttgart 80, Germany. Published 22 August 1991
1991	Waterson N	Free surface flow modelling with PHOENICS using the scalar equation method.	Presented at the PHOENICS UK User Meeting, 21 January 1991
1991	Hart M & Singh G	Computational methods for the aerodynamic development of large steam turbines	IMechE C423/009, 1991
1991	Andersson A & Svensson U.	A numerical simulation of an ice particle trajectory.	The PHOENICS journal of Computational Fluid Dynamics and its Applications, Vol. 4, No. 3, pp 241-261, 1991.
1991	Hernandez J & Crespo A.	Parabolic and elliptic models of wind-turbine wakes. Applications to the interaction between different wakes and turbines.	The PHOENICS journal of Computational Fluid Dynamics and its Applications, Vol. 4, No. 2, pp 104-127, 1991.
1991	van den Berg AC.	A three dimensional model of the flow and tracer dispersion in the tundish of a billet caster for steel production.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, No. 1, pp 51-73, 1991.
1991	Heydarpour J & Slotta L.	Modeling erosion and deposition due to suction and jet flows.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, No. 4, pp 421-453, 1991.
1991	Kim S & Mills AF.	Modeling of perforated plate heat exchangers.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4 No. 1, pp 1-26, 1991.
1991	Chang BH & Mills AF.	Application of a low-reynolds number turbulence model to	The PHOENICS Journal of Computational Fluid Dynamics

		flow in a tube with repeated rectangular rib roughness.	and its Applications, Vol. 4, No. 3, pp 262-288, 1991.
1991	Proumen NM, Malin MR & Mendonca FG.	Evaluation of turbulence models for in-cylinder flows.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, Suppl. 1, pp 56-83, 1991.
1991	Embacher E.	Transient surface-tension driven convection in a square cavity.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, No. 1, pp 27-50.
1991	Lai MC, Kim JY, Cheng CY, Li P, Chui G & Pakko JD.	A numerical study of automotive catalytic converter internal flows.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, No. 2, pp 189-230, 1991.
1991	Svensson U.	PHOENICS in geophysical fluid dynamics.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, No. 3, pp 231-240, 1991.
1991	Galea ER & Markatos NC.	The mathematical modelling and computer simulation of fire development in aircraft.	International Journal Heat Mass Transfer Vol. 34, No 1, pp 181-197, 1991.
1991	Chadha PK, Malin MR & Palacio-Perez A.	Modelling of two-phase flow inside vertical geothermal wells.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 3, No. 4, pp 421-465, 1991.
1991	Maeda T.	A discretization of spin term of micro-polar fluid.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 3, No. 4, pp 466-483, 1991.
1991	Tsai R & Mills AF.	A model of particle re-entrainment in electrostatic precipitators.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 3, No. 4, pp 392-420, 1991.
1991	Drake SN, Pericleous KA & Scheiwiller T.	Computational fluid dynamics a mathematical tool to simulate dispersal of airborne pollution.	Presented at the International Conference on Environmental Pollution, 1991.
1991	Hsieh DY & Sund SE.	Simulation of a chemical reactor using PHOENICS.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, No. 1, pp 74-103, 1991.
1991	Jureidini RH, Malin MR, Lord MJ & Yau KK.	A three-dimensional model for power condenser design.	Presented at the 4th International PHOENICS User Conference, Miami, Florida April 1991.
1991	Smith AG & Wu CML.	Use of PHOENICS for modelling chemically reacting rocket exhausts.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, Suppl.1, pp 22-42, 1991.

1991	Fraser SM & Yi Z.	Computational investigation of mixed-flow pump impeller flow behaviour under different operation states.	Internal report. University of Strathclyde, Glasgow, Dept. of Mechanical Engineering, 1991.
1991	Kopmels M & Smith AG.	Predicting the flowfield in the annular gap between concentric rotor and stator combinations at high Reynolds numbers.	PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, Suppl.2, pp 163-195, 1991.
1991	Jal EN, Glynn DR & Milford CM.	The use of PHOENICS in external v/stol aerodynamics	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, Suppl. 1, pp 43-55, 1991.
1991	Stassinopoulos A, Etienne P, Murthy A, Cheret JP & Willaime T.	Flow simulation over TGV (high speed train).	Vol. 4, Suppl.1, pp 1 - 21 PHOENICS Journal of Computational Fluid Dynamics and its Applications.
1991	Adair D, Malin MR & Younis BA.	Calculations of diffusion from a line source in a turbulent boundary layer.	Vol. 4, Suppl.2, pp 146-162 PHOENICS Journal of Computational Fluid Dynamics and its Applications.
1991	Pasdari M & Gimson CJ.	Simulation of a new flow conditioner with the aid of PHOENICS.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, No. 2, pp 128-154, 1991.
1991	Chattree M & Tounsi K.	Numerical computations of bottom injected gas in a cryogenic system.	Vol. 4, Suppl. 2, pp 120-145 PHOENICS Journal of Computational Fluid Dynamics and its Applications.
1991	Wang HW & Visser AH.	3-d flow patterns in refrigerated stores.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, No. 2, pp 155-188, 1991.
1991	Pericleous KA.	An application of the two-fluid technique to the modelling of turbulent diffusion flames.	Vol. 4, Suppl.2, pp 226-244 PHOENICS Journal of Computational Fluid Dynamics and its Applications.
1991	Mills WH.	High temperature furnace simulation with surface to surface radiation.	Vol. 4, No 4, pp 389-420 PHOENICS Journal of Computational Fluid Dynamics and its Applications.
1991	Varnas SR.	Gas flow and heat transfer in a dc plasma heated reactor.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, No. 4, pp 362-388, 1991.
1991	Kobos AM & Read CM.	Improvements in PHOENICS performance on supercomputers.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, No. 4, pp 333-361, 1991.



1991	Maeda T.	Induced electric field of MHD ducts.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4, No. 3, pp 289-332, 1991.
1991	Dilawari AH & Szelely J	A mathematical representation of a modified stagnation flow reactor for MOCVD applications.	Published in the Journal of Crystal Growth 108, 1991, pp 491-498 North-Holland.
1991	Hamill IS & Malin MR.	Turbulence modulation due to the presence of particles.	Vol. 4, Suppl. 2, pp 212-225 PHOENICS Journal of Computational Fluid Dynamics and its Applications.
1991	Hamill IS, Jun L & Waterson N.	A model for the simulation of three-dimensional mould-filling processes with complex geometries.	Proceedings of the International Conference on Mathematical Modelling of Materials Processing, Bristol, 23-25 33482, 1991.
1991	Omori T, Nagata T, Taniguchi H & Kudo K.	Three-dimensional heat transfer analysis of a steel heating furnace.	Proceedings of the 7th International Conference, Stamford, USA, July 8-12 1991
1991	Miner EW, Swean Jr TF, Handler RA & Leighton RL	Examination of wall damping for the k-e turbulence model using direct simulations of turbulent channel flow.	International Journal for Numerical Methods in Fluids Vol. 12, pp 609-624, 1991.
1991	Elghobashi S	Particle-laden turbulent flows: direct simulation and closure models.	Applied Scientific Research 48, 301-314, 1991
1991	Rsai R & Mills AF	Modeling of electrostatic precipitators.	Internal report. School of Engineering/Applied Science, University of California, Los Angeles, California USA
1991	Elghobashi SE & Truesdell GC	On the interaction between solid particles and decaying turbulence.	8th Symposium on Turbulent Shear Flows. Technical University of Munich, September 9-11, 1991.
1991	Karvinen R, Ahlstedt H, Oksanen A & Siiskonen P	The role of numerical simulation of combustion in the design of environmentally sound combustion equipment. (Paper not available for distribution)	1991 International Symposium on Energy and Environment. August 25-28 1991. Espoo Finland
1991	Viachos NS	Multidomain analysis of turbulent separated flows.	Presented at the 4th International PHOENICS User Conference, Miami Florida, April 1991
1991	Kelkar KM, Choudhury D & Ambrosi M	Numerical method for the computation of conjugate heat transfer in nonorthogonal boundary-fitted coordinates.	Numerical Heat Transfer, Part B, vol. 20, pp 25-40, 1991

1991	Spalding DB & Fueyo N	Two-fluid models of turbulence for single-phase jets and for sprays.	Proceedings of 1st ICHMT Numerical Heat Transfer Conference Guildford Surrey, July 22-26 1991. part 11, pp 12-54
1991	Spalding DB	A conservative low-dispersion algorithm for the reduction of numerical diffusion.	Proceedings of 1st ICHMT Numerical Heat Transfer Conference Guildford Surrey, July 22-26 1991. part 11, pp 100-121
1991	Karvinen R, Siiskonen P & Hyoty P	The effect of black liquor dry solids content on recovery boiler furnace behaviour.	Tappi Journal. In print
1991	Smith AG & Kopmels M	Modelling of coanda effect devices using PHOENICS.	PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 4 Suppl.1, pp 84-119. Published by CHAM
1991	Oksanen A & Karvinen R	Experimental and calculated data for combustion and emissions of heavy residual fuel oil.	2nd European Conference on Industrial Furnaces and oilers, Algarve, Portugal April 2-5 1991
1991	Jensen KF	Flow phenomena in chemical vapor deposition of thin films.	Annu. Rev. Fluid Mech. 1991, 23. 197-232.
1991	Riznic JR	Application of the PHOENICS code in chemical and process industry.	Presented at the 3rd Yugoslave Symposium on Chemical Engineering. Only abstract, in Yugoslaw.
1991	du Toit CG & Kotze JCB	Air flow through a louvre and radiator core system.	Second National Symposium on Computational Fluid Dynamics and its Applications, 24-27 June 1991. Vereeniging S. Africa
1991	Uppstu E, Hyoty P, Karvinen R & Siiskonen P	Alternative air supply system for recovery boilers.	Pulp and Paper Canada, 92. pp 48-51
1991	Bukhari KM	Temperature distribution in a nuclear fuel channel by using the computer code PHOENICS.	Presented at the 1st ICHMT Numerical Heat Transfer Conference Guildford Surrey, July 22-26 1991.
1991	Wrobel LC & Brebbia CA	Computational modelling of free and moving boundary problems.	Proceedings of the 1st International Conference, 2-4 July 1991, Southampton
1991	Naslund E, Karlsson E & Thaning L	Sea breeze simulation with a static profile of the eddy viscosity.	PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 4 Suppl 2, pp 196-211. Published by CHAM
1991	Khrupov AP & Zhubrin SV	Natural convection in square and partitioned enclosures.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 7, No.1, pp 93-106, 1994.

1991	Chadha PK & Malin MR	Modelling of two-phase flow inside geothermal wells.	Appl. Math. Modelling, May 1993, Vol. 17,
1990	Weicheng F & Hui Z.	A two-fluid model of turbulent combustion.	University of Science and Technology of China, 1990.
1990	du Toit CG.	The numerical prediction of dump diffuser flows.	Proceedings of 2nd South African Aeronautical Engineering Conference, Pretoria, SA, 14-16 February 1990.
1990	Beale SB & Elias SJ.	Stress distribution in a plate subject to uniaxial loading.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, V 3, No 3, pp 255-287, 1990.
1990	Manzini F, Ramos E & Castrejon A.	MHD Flow in a non-uniform magnetic field .	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 3, No 2, pp 170-195, 1990.
1990	Gidhagen L & Rahm L.	Water exchange and dispersion modelling in coastal regions: a method study.	SMHI Vatten 46: 7-17 Lund, Sweden,1990.
1990	Fueyo N.	ParabPlot: PHOTON graphics for parabolic runs.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 3, No 1, pp 58-86, 1990.
1990	Palacio A, Malin MR, Proumen N & Sanchez L	Numerical computations of steady transonic and supersonic flow fields	International Journal of Heat Mass Transfer, Vol. 33, No 6, pp 1193-1204, 1990. Published by Pergamon Journals
1990	Pericleous KA & Markatos NC	A two-fluid approach to the modelling of three dimensional turbulent flames.	Internal report. (Pericleous) Thames Polytechnic, London. (Markatos) National Technical University, Athens, Greece
1990	Bathla PS & Mukerjee T	Multidimensional numerical modeling of two-phase flow and heat transfer processes in a plat type a/c evaporator	Presented at the International Congress & Exposition, Detroit Michigan, February 26 - March 2 1990. Published by SAE International Technical Paper Series
1990	Fung MTR & Hornby RP	Natural convection - friend or foe? Case studies from AGR design and safety thermal hydraulics.	Published by NNC Ltd., Warrington, Cheshire
1990	Hornby RP & Kebede W	Application of the PHOENICS code to predicting fuel pin temperatures as a result of the natural convection flow set up in a damaged fuel stringer in a closed storage tube.	Published by NNC Ltd., Warrington, Cheshire
1990	Fung MTR & Hornby RP	Computation of buoyancy-influenced gas flow in the	Published by NNC Ltd., Warrington Cheshire

		advanced gas-cooled reactor boiler annulus.	
1990	Glynn DR & Edwards JP.	Numerical prediction of flow over an idealised car body .	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, V 3, No 2, pp 125-158, 1990.
1990	Shaw CT.	Predicting the laminar flow in an eccentric cylinder system.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 3, No 1, pp 39-57, 1990.
1990	Larsen R, Petersen O & Chen HB.	Numerical experiment on turbulent jets in flowing ambients.	Presented at the VIII International Conference on Computational Methods in Water Resources, Venice Italy, 11-15 June 1990.
1990	Smith AG.	Use of PHOENICS for prediction of rocket exhaust flows.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 3, No 1, pp 87-109, 1990.
1990	Heddle RG.	Simulation of flow field in distillation units using PHOENICS.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 3, No 1, pp 110-124, 1990.
1990	Verlaan CCJ & de Graauw J.	Simulations of mist-flow in vane-type separators under offshore conditions.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 3, No 2, pp 235-254, 1990.
1990	Aldham CM & Semier F.	Applications of PHOENICS in the electronics industry.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 3, No 2, pp 196-234, 1990.
1990	du Toit CG, Kitze JCB & du Plessis JP.	The modelling of the air flow through a grill and radiator core.	FEMSA 90, Proceedings of Finite Element Methods in SA Symposium, Pretoria, SA, 15-17 August 90.
1990	Jambunathan K, Kapasi S & Button BL.	Numerical study of flow field for confined laminar jet impingement.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 3, No 2, pp 156-169, 1990.
1990	Nizou PY & Malin MR.	Modelisation de transfert de chaleur en jet partictal turbulent.	Proceedings of S.F.T Symposium Universite de Nantes, France, 1990.
1990	Beale SB.	Laminar fully developed flow and heat transfer in an off set rectangular plate-fin surface.	The PHOENICS journal of Computational Fluid Dynamics and its Applications, Vol. 3, No 1, pp 1-38, 1990.
1990	Saluja NS, Ilegbusi OJ & Szekely J	Fluid flow phenomena in the electromagnetic stirring of continuous casting systems,	Steel Research Issue No 10/90, pp 455-466

		part 1: the behaviour of a cylindrically shaped laboratory scale installation.	
1990	Lahey RT	The analysis of phase separation and phase distribution phenomena using two-fluid models	Nuclear Engineering and Design 122, pp 17-40. Elsevier Publishers BV
1990	Wang H & Touber S.	Distributed dynamic modelling of a refrigerated room	International Journal of Refrigeration, Vol. 13, July 1990
1990	Crespo A, Manuel F & Hernandez J	Numerical modelling of wind turbine wakes	Published in Proceedings of European Community Wind Energy Conference, Madrid, Spain 10-14 September 1990
1990	Ilegbusi OJ & Szekely J	The computation of the velocity fields in mechanically agitated melts for turbulent and non-newtonian regimes	Metallurgical Transactions B, Vol. 21b, pp 183-190
1990	Phelps PJ & Pericleous KA	The mathematical simulation of steam generators and condensers	
1990	Prakash C	Two-phase model for binary solid-liquid phase change, part 2: some illustrative examples.	Numerical Heat Transfer, Part B, Vol. 18, pp 147-167 1990
1990	Ramos JI & Winowich NS	Finite difference and finite element methods for MHD channel flows.	Published in the International Journal for Numerical Methods in Fluids, Vol. 11 1990, pp 907-934
1990	Watt RM.	Computational modelling of Coriolis mass flowmeters	North Sea Flow Measurement Workshop, 23-25 October 1990
1990	Tinoco H & Hemstrom B	Numerical modelling of two-phase flow in the upper plenum of a bwr by a three dimensional two-fluid model	Published by Elsevier Science Publishing. Engineering Turbulence Modelling and Experiments
1990	Sibulkin M & Frendi A.	Prediction of flammability limit of an unconfined premixed gas in the absence of gravity.	Combustion and Flame Vol. 82, pp 334-345, 1990.
1990	Saluja N, Ilegbusi OJ & Szekely J	On the calculation of the electromagnetic force field in the circular stirring of metallic melts	J Appl. Phys 68 (11), pp 5845-5850
1990	Choo RTC & Szekely J	The possible role of turbulence in weld pool behaviour	Submitted to the Welding Journal
1990	Choo RTC & Szekely J	Vaporization kinetics and surface temperature in mutually coupled gas tungsten welding and weldpool	Submitted to the Welding Journal
1990	Choo RTC & Szekely J	The effects of gas shear stress on marangoni flows in arc welding	Submitted to the Welding Journal

1990	Fraser SM, Carey C & Moustafa AAA	Numerical and experimental analysis of flow around isolated and shielded cubes	Applied Mathematics Modelling 1991, Vol. 14. Published by Butterworth-Heinemann
1990	Malin MR, Younis BA	Calculation of turbulent buoyant plumes with a reynolds stress and heat flux transport closure	International Journal of Heat and Mass Transfer, Vol. 33 No 10, pp 2247-2264 1990. Published by Pergamon Journals
1990	Gidhagen L, Nyberg L & Rahm L.	A framework for a coastal dispersion model.	Marine Inv Research - Sweden.
1990	Karvinen R, Siiskonen P & Hyoty P	Role of combustion simulation during the operation and in the design of a modern recovery boiler.	Math. Modelling of Process in Energy Systems. Sarajevo March 20-24. Published by Hemisphere Publ. Corp.
1990	Chen HB, Petersen O & Larsen T	Numerical experiment on turbulent buoyant jets in flowing ambients	Proceedings, VIII International Conference on Computational Methods in Water Resources, Venice, Italy
1990	Petersen O	Note on numerical turbulence models (in Danish)	Department of Civil Engineering, Aalborg University, Denmark.
1990	Leitner A	Flow computation for high altitude simulation test facility.	RAFAEL-ADA 24th Israel Conference on Mechanical Engineering, Technion-Haifa, Israel
1990	Dilawari AH, Szekely J & Daly J	Experimental measurements and theoretical predictions for the MOCVD of gallium arsenide using a barrel-type reactor.	Published in the Journal of Crystal Growth 102, 1990, pp 635-642 North-Holland.
1990	Oksanen A & Karvinen R	Effect of fuel type and burner geometry on the formation of solid pollutants in heavy fuel oil combustion.	2nd Topic Oriented Technical Meeting IFRF Paris, France May 21-23 1990
1990	Richards PJ & Bahattacharyya D	Numerical modelling of metal extrusion using PHOENICS with viscosity varying in the deformation zone	Internal report. University of Auckland, New Zealand
1990	Ilegbusi OJ & Szekely J	Three dimensional transport phenomena in chemical vapour deposition equipment. A comparison of theoretical predictions with measurements and some concepts regarding equipment design.	Metallurgical Transactions B, Vol. 21b 753-760
1990	Hart D & Porter D	Computational fluid modelling of a fermenter off-gas cyclonic separator.	Proceedings: Vth World Filtration Congress
1990	Hope CB	The development of a water soluble photochromic dye	Thesis submitted for the degree of Doctor of Philosophy in the

		tracing technique and its application to horizontal two-phase flows.	Faculty of Engineering, University of London and for the Diploma of Membership of Imperial College.
1990	Chen Q.	Construction of a low-reynolds-number k-e model.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, V 3, No 3, pp 288-329, 1990.
1990	Hernandez J & Crespo A.	Wind turbine wakes in the atmospheric surface layer.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, V 3, No 3, pp 330-361, 1990.
1990	Shah P, Glynn DR & Malin MR.	Use of a flame front model for numerical prediction of combustion in a spark-ignition engine.	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, V 3, No 3, pp 362-391, 1990.
1990	Ouazzani J & Rosenberger F	Three-dimensional modelling of horizontal chemical vapour deposition I. MOCVD at atmospheric pressure	Journal of Crystal Growth 100 (1990), pp 545-576. Published by Elsevier Science Publishers BV (North Holland)
1990	Svensson U & Anderson A	A numerical model of ice accretion on structures	
1990	Prakash C	Two-phase model for binary solid-liquid phase change, part 1: governing equations.	Numerical Heat Transfer, Part B, Vol. 18, pp 131-145 1990
1990	Langsholt M, Thomassen D & Wilcox P	Installation effects on flow metering	Published by National Engineering Laboratory, Glasgow 22nd October 1990 (ISBN 0 903640 279)
1989	Malin MR	Analysis of turbulent forced plumes into a stable environment	Applied Mathematical Modelling 1989, Vol. 13, February, pp 122-126. Published by Butterworth
1989	Malin MR	Modelling the effects of lateral divergence on radially spreading turbulent jets	Computers and Fluids Vol. 17, No 3, pp 453-465 1989. Published by Pergamon Press
1989	Vlachos NS	Calculation of two-dimensional turbulent flow in a PC cabinet	PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 1 No 4, pp 482-501. Published by CHAM
1989	Prakash C	Numerical solution of continuum mixture model equations for solid-liquid phase change in binary systems-implementation on PHOENICS.	PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 1, No 4, pp 502-515. Published by CHAM
1989	Chen MM & Faghri A	An analysis of the vapour flow and the heat conduction through the liquid-wick and	Presented at ASME/AIChE National Heat Transfer Conference, August 5-9 Philadelphia, Pennsylvania, USA

		pipe wall in a heat pipe with single or multiple heat sources	
1989	Radosavljevic D & Spalding DB	The use of PHOENICS to simulate three-dimensional effects in natural-draught cooling towers	PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 1, No 4, pp 409-458. Published by CHAM
1989	Malin MR & Sanchez L	A revised version of the k-kl turbulence model for near-wall flows	Applied Mathematical Modelling 1989 vol. 12 March. Published by Butterworths
1989	Casterjon A, Ramos E & Lopez de Haro M	Multiple solutions in benard convection	Proceedings of the Conference on Synergetics, Order and Chaos 13-17 October 1987, Madrid, Spain. Published World Scientific 1989
1989	Larsson R	Implementation of an algebraic stress model for turbulence generated secondary currents	PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 1, No 4, pp 459-481. Published by CHAM
1989	Huotari J, Kjaldman L & Paakkinen K	Staged combustion of pulverized peat in a 5 MW single burner furnace	9th Members Conference of the International Research 24 -26 May 1989
1989	Ernola P, Hupa M, Kkaldman L & Oksanen P	Detailed modelling of NOx emissions in fuel staging	9th Members Conference of the International Flame Research 24-26 May 1989
1989	Irandoost S & Andersson B	Simulation of flow and mass transfer in taylor flow through a capillary	Computers and Chemical Engineering. Proceedings of CHEM DATA 88 Conference
1989	Palacio A & Malin MR	Simulation of supersonic flow past a double-wedge profile	PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 1, No 3, pp 371-408 1989. Published by CHAM
1989	Qin HQ & Spalding DB	The lagrangian Hydrodynamical calculations in PHOENICS code	PHOENICS Journal of Computational Fluid Dynamics and its Applications Vol. 1, No 3, pp 324-370 1989. Published by CHAM
1989	Bowden K	Kron's method of tearing on a transputer array with an application to the solution of a distributed system.	Polytechnic East London, 19th June 1989
1989	Fung MTR	Numerical solution for natural convection flow in the feedwater and decay heat penetrations of an advanced gas-cooled reactor.	Published by NNC Ltd., Warrington, Cheshire
1989	Faghri A, Chen MM & Mahefkey ET	Simultaneous axial conduction in the fluid and the pipe wall for forced convective laminar	International Journal of Heat and Mass Transfer Vol. 32, No 2, pp



		flow with blowing and suction at the wall	281-288 1989. Published by Pergamon Press
1989	Varnas SR	The PHOENICS model of a low-current plasma arc	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 3, pp 304-343 1989. Published by CHAM
1989	Thomas DL & Hornby RP	Natural convection cooling of a close-packed array of AGR fuel pins surrounded by graphite debris.	Published by Central Electricity Board and National Corporation Ltd.
1989	Atkinson E	Predicting the performance of sediment control devices at intakes	Published by Hydraulics Research, Wallingford, Berks (Technical Note OD/TN 417 January 1989)
1989	Ilegbusi OJ & Szekely J	Effect of externally imposed magnetic field on tundish performance	Ironmaking and Steelmaking 1989, Vol. 16, No 2
1989	Cartwright R, Ilegbusi OJ & Szekely J	A comparison of order-of-magnitude and numerical analysis of flow phenomena in czochralski and magnetic czochralski systems	Journal of Crystal Growth 94 1989, pp 321-333. Published by Elsevier Science Publishers BV
1989	Vardelle M, Pateyron B, Vardelle A, Fauchais P & Saray I	Characterization of a d.c plasma torch with axial injection of powders	University of Limoges Eotvos University, Hungary
1989	Martin JJ	Numerical solution to automobile passenger compartment cooling by use of PHOENICS	Thesis University of Missouri-Rolla 1989
1989	Kirts RE & Kodres CA	*** Perturbations in atmospheric density caused by high rise buildings and their effect on astronomical observations - a case study	Proceedings of Building Simulation 1989, pp 279-284. Published by the US Government
1989	Qin HQ & Spalding DB	The numerical simulation of shock initiation in solid explosives with gas inclusions.	Proceedings of the 3rd International Conference on Numerical Combustion, Juan les Pins Antibes, May 23-26 1989. Published in Lecture Notes in Physics No 351, pp 417-427. Springer-Verlag

1989	Svensson U & Gidhagen L	Stratified estuary flows. Comparisons with laboratory experiments	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 3, pp 258-271 1989. Published by CHAM
1989	Esmali E, Bijlani C, Shimura K, Prasad V & Minatsuki I	Analytical evaluation of natural convective cooling of clear reactor enclosure structure	Collected Papers in the Heat Transfer 1989 HTD, Vol. 123
1989	Svensson U, Ballfalk L & Hammar L	A mathematical model of border-ice formations in rivers	Cold Regions Science and Technology, 16 1989, pp 179-189
1989	Gidhagen L, Rahm L & Nyberg L	Lagrangian modelling of dispersion, sedimentation and re-suspension processes in marine environments	SMHI. Deutsche Hydrograph Zeitschrift.
1989	Carey C, Gilchrist AD & Yilmaz T	Laminar natural convection in a vertical channel	Presented at the 3rd International Conference on Laser Anemometry. Advances and Applications. Organised by UK and Dutch LDA Users Groups. ASME
1989	Ilegbusi OJ & Szekeley J	Three dimensional velocity fields for newtonian and non-newtonian melts produced by a rotating magnetic field	ISIJ International Vol. 29 1989, No 6, pp 462-468
1989	Ilegbusi OJ & Szekeley J	The effect of Ultrahigh magnetic fields on dopant distribution in CZ systems: a modeling study and comparison with asymptotic solutions	Metallurgical Transactions A Volume 20A, 1637-1646
1989	Malin MR & Younis BA	Modelling reynolds stress and heat flux transport in turbulent buoyant plumes	Proc. XXIII IAHR Congress Hydraulics and the Environment, pp D.9-D.16, August 21-25 Ottawa, Canada 1989
1989	Crespo A & Hernandez J	Numerical modelling of the flow field in a wind turbine wake	Presented at the 3rd Joint ASCE/ASME Mechanics Conference, La Jolla California, July 9-12 1991
1989	Richards PJ	*** Computational modelling of wind flow around low-rise buildings using PHOENICS	Div Notes DN 1508, AFRC Inst. Eng. Research, Silsoe March 1989
1989	Magnussen BG	Pollutant formation in gas turbine combustors based on the eddy dissipation concept.	NGC Projektmoete, Trondheim, 9th November 1989 (Nordic Gastechnic Center, Project Meeting)

1989	Morton KW & Paisley MF	**** A finite volume scheme with shock fitting for the steady euler equations.	Journal of Computational Fluid Dynamics, Vol. 80 No. 1, January 1989
1989	Deiters TA & Mudawar I	Prediction of three-dimensional cooling rate for a spray quenched aluminium block.	Thesis/Purdue University W. Lafayette Indiana, USA
1989	Serag-Eldin MA	Employing SATELLITE and PHOTON as Input and Output Devices for a non-PHOENICS code.	PHOENICS Journal of Computational Fluid Dynamics and its Applications. Vol. 1 No 3, pp 311-323 1989
1989	Lawrence SP	*** Turbulence modelling in naturally convecting fluids.	Published by Culham Laboratory, Abingdon, Oxford (Ref CLM - R292)
1989	Chyou YP & Pfender E	Modeling of plasma jets with superimposed vortex flow.	Plasma Chemistry and Plasma Processing, Vol. 9, No. 2 1989
1989	Schwarz MP	Two and three dimensional methods of a gas stirred bath of molten pig iron.	PHOENICS Journal of Computational Fluid Dynamics and its Applications. Vol. 1 No 3, pp 282-310 1989
1989	Chyou YP & Pfender E	Behavior of particulates in thermal plasma flows.	Plasma Chemistry and Plasma Proceedings, Vol. 9, No. 1 1989
1989	Dilawari AH & Szelely J	Computed results for the deposition rates and transport phenomena for an MOCVD system with a conical rotating substrate.	Published in the Journal of Crystal Growth 97, 1989, pp 777-791 North-Holland.
1989	Burdette SR, Coates PJ, Armstrong RC & Brown RA	Calculations of viscoelastic flow through an axisymmetric corrugated tube using the explicit elliptic momentum equation formulation (EEME).	Journal of Non-Newtonian Fluid Mechanics, 33 1989, 1-23 Elsevier Science Publishers BV Amsterdam
1989	Fraser SM, Carey C & Kowaleski G	LDA measurements in submerged nozzle flow	Presented at the 3rd International Conference on Laser Anemometry. Advances and Applications Organised by UK and Dutch LDA User Groups
1989	Maeda T & Matsunaga F	A survey note on pressure boundary conditions	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 3, pp 272-303 1989. Published by CHAM
1989	Moffat J & Pericleous K	The modelling of two-phase flows using the general purpose particle tracking program GENTRA	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 1,

			pp 21-40 1989. Published by CHAM
1989	Danckert H, Wersching R & Schockle S	Three dimensional calculation of the water flow in a cylinder head	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 1, pp 42-60 1989. Published by CHAM
1989	Schutzbach KC, Mahaffey WA & Mukerjee T	Numerical modelling of the intake manifold of a multicylinder automotive diesel engine	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 1, pp 61-87 1989. Published by CHAM
1989	Kjaldman L	Modelling of peat dust combustion	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 1, pp 88-137 1989. Published by CHAM
1989	Lamers APGG	Influence of temperature dependent viscosity on laminar diffusion flames	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 2, pp 138-154 1989. Published by CHAM
1989	Flood SC, Kasai K & Katgerman L	The modelling of heat and fluid flow in the dc casting of aluminium alloys	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol2, No 2, pp 155-170 1989. Published by CHAM
1989	Rogers S & Katgerman L	Particle tracking of solidifying metal droplets during gas atomisation	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 2, pp 171-182 1989. Published by CHAM
1989	Gregory-Smith DG & Hawkins MJ	Modelling an axisymmetric curved wall jet with application to the coanda flare	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 1, pp 1-20 1989. Published by CHAM

1989	Parsons DJ	Modelling gas exchanger in a silage clamp using PHOENICS	Divisional Notes DN1552 AFRC Institute of Engineering Research. Silsoe December 1989.
1989	Burke PD & Burgess J	*** A coupled gas and solid flow, heat transfer and chemical reaction rate model for the ironmaking blast furnace.	1989 Ironmaking Conference Proceedings
1989	Palacio A, Malin MR, Proumen N & Sanchez L	Flowfield predictions of transonic and supersonic problems	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 2, pp 202-218 1989. Published by CHAM
1989	Nyberg L	PHOENICS simulation of Stommel's ocean.	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 2, pp 239-257 1989. Published by CHAM
1989	Gadilhe AY & Fleury BA	Wind pressure coefficients: a comparison between PHOENICS and wind tunnel results	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 2, pp 183-201 1989. Published by CHAM
1989	Blair GP	Motion and mixing in the cylinder of a two-stroke engine prior to combustion.	Published in Heat and Mass Transfer in Gasoline and Diesel Engines.
1989	Pulles C & Lamers A	Comparison between two models of boundary layer development at a step change in surface roughness	Proceedings on the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 4, pp 391-409 1989. Published by CHAM
1989	Prakash C & Voller V	On the numerical solution of continuum mixture model equations describing binary solid-liquid phase change.	Numerical Heat Transfer, Part B, Vol. 15, pp 1171-189 1989. Published by Hemisphere Publishing Corporation
1989	Drake SN & Pericleous KA	Numerical study of solar wall effects for the air movement and temperature distribution in the glass atrium of a building	Presented at the Heat and Mass Transfer in Building Material and Structure, ICHMT XXI Symposium, Dubrovnik, September 408 1989

1989	Fukuyama Y, Nakajima S & Ohte S	The application of PHOENICS to semi-conductor production process	Proceedings on the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 4, pp 488-507 1989. Published by CHAM
1989	Maeda T & Matsunaga F	A survey note on non-Newtonian fluid flow simulation.	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 4, pp 466-487 1989. Published by CHAM
1989	Montasser W	Modelling of gas flow in a vertical chemical vapour deposition (cvd) reactor	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 4, pp 442-465 1989. Published by CHAM
1989	Lamers APGG & van de Velde R	Air flow patterns in ventilated rooms	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 2, pp 219-238 1989. Published by CHAM
1989	Malin MR & Proumen N	Calculation of intermittent turbulent shear flow with a Reynolds stress transport closure.	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol2, No 4, pp 410-424 1989. Published by CHAM
1989	Mahaffey WA, Mukerjee T, Rhodes N & Costes NC	PHOENICS verification exercise simulating the flow in the Rockwell axisymmetric turnaround 180 o duct (TAD) flow rig.	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 3, pp 343-367 1989. Published by CHAM
1989	Malin MR & Younis BA	Calculation of turbulent buoyant plumes with a reynolds stress and heat flux transport closure	Proceedings on the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics

			and its Applications Vol. 2, No 3, pp 368-390 1989. Published by CHAM
1989	Simard G, Bui RT & Potocnik V	Simulating complex industrial processes using PHOENICS	Proceedings of the 3rd PHOENICS User Conference-Dubrovnik. The PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 2, No 4, pp 425-441 1989. Published by CHAM
1988	Huhtanen R.	Numerical fire modelling of a turbine hall.	The Second International Symposium on Fire Safety Science, Tokyo, Japan. Hemisphere Publishers, Washington USA, June 1988.
1988	Tansley GD, Edwards RJ & Gentle CR.	Role of computational fluid mechanics in the analysis of prosthetic heart valve flows.	Med. Biol. & Computing 1988 Vol. 26, pp 175-185. IFMBE, 1988.
1988	Glynn DR, Jal EN & Milford CM.	Powerful computing systems for fluid flow applications.	Biomass for Energy and Industry, 5th Edition EC Conference, Naples, Italy, 1988.
1988	Prakash C.	Application of computational fluid dynamics for analysing practical electronics cooling problems.	CHAM NA USA, 1988.
1988	King RC, Apellian MR, Armstrong RC & Brown RA	Numerically stable finite element techniques for viscoelastic calculations in smooth and singular geometries.	Journal of Non-Newtonian Fluid Mechanics 29 (1988), pp 147-216, Elsevier Science BV Amsterdam.
1988	Glynn DR & Rawnsley SM.	Numerical prediction of a horseshoe vortex.	Advances in Underwater Technology, Ocean Science and Offshore Engineering, Vol. 15, Technology Common to Aero and Marine Engineering, 1988.
1988	Truelove JS & Williams RG	Coal combustion models for flame scaling.	22nd Symposium on Combustion - The Combustion Institute 1988, pp 155-164
1988	Hoffmann N & Markatos NC.	Thermal radiation effects on fires in enclosures.	Appl. Math, Modelling 1988 Vol. 12, Butterworths.
1988	Tennant PA	A numerical analysis of the influence of internal nozzle geometry on diesel fuel injection. * For copies apply direct to Purdue University*	Thesis Purdue University, W Lafayette Indiana, USA
1988	Mandel J, McCormick SF, Dendy Jr JE,	Proceedings of the fourth copper mountain conference on multigrid methods.	

	Farhat C, Lonsdale G, Parter SV, Ruge JW & Stuben K .		
1988	Morton KW, Priestley A & Suli E	Stability of the lagrange-galerkin method with non-exact integration.	Mathematical modelling and numerical analysis, vol. 22 No. 4, 1988 pp 625-653.
1988	Barrett JW and Moore G & Morton KW	Optimal recovery in the finite-element method, part 1: recovery from weighted L2 fits.	IMA Journal of Numerical Analysis (1988) 8, 149-184.
1988	Barrett JW, Moore G & Morton KW	Optimal recovery in the finite-element method, part 2: defect correction for ordinary differential equations.	IMA Journal of Numerical Analysis (1988) 8, 527-540
1988	Cooper RK	Computational fluid dynamics on a transputer network final report.	
1988	Cooper RK	Successive over-relaxation on a transputer network.	
1988	Clegg DB & Richmond AN	Numerical solution of ordinary differential equations for initial value problems.	
1988	Fung MTR & Hornby RP	Numerical modelling of conjugate heat transfer in an advanced gas-cooled reactor fuel standpipe.	Proceedings of the 3rd European Conference on Mathematics in Industry. August 28-31, Glasgow.
1988	Morton KW & Childs PN	Characteristic galerkin methods for hyperbolic systems.	Proceedings of the 2nd International Conference on Nonlinear Hyperbolic Problems, Aachen, FRG, March 14-18 1988
1988	Hibbert SE, Markatos NC & Voller VR	Computer simulation of moving-interface convective, phase-change processes.	Published in the Int. J Heat Mass Transfer, Vol. 31, No.9, pp 1785-1795, 1988
1988	Faghri A & Parvani S	Numerical analysis of laminar flow in a double-walled annular heat pipe	Published by American Institute of Aeronautics and Astronautics
1988	Malin MR	Prediction of radially spreading turbulent jets	AIAA Journal Vol. 26, No 6, pp 750-752
1988	Ilegbusi OJ & Szekeley J	The engulfment of particles by an electromagnetically-stirred melt	J Colloids and Interface Sciences, Vol. 125, No 2, pp 567-574
1988	Naik S & Probert D	Optimal designs for achieving maximum performances of plate-pin heat-exchangers	Presented at the Conference of the European Federation of Energy, 12-14 October, Grenoble France
1988	Castrejon A & Spalding DB	An experimental and theoretical study of transient free-convection flow between horizontal concentric cylinders.	International Journal of Heat and Mass Transfer, Vol. 31 No 2, pp 273-284



1988	Radosavljevic D & Spalding DB	Simultaneous prediction of internal and external aerodynamic and thermal flow fields of a natural-draft cooling tower in a cross-wind	Internal report. Imperial College.
1988	Maeda T.	Research work for special topics on CFD - Non-Newtonian fluid, MHD, moving interface	Presented at the 10th Cray User Group Meeting, Tokyo, September 1988
1988	Ono N, Kida M, Arai Y & Sahira K	A thermal analysis on double-crucible method in continuous silicon CZ technology	
1988	Iwan J, Alexander D, Ouazzani J & Rosenberer F	*** Response of convective-diffusive transport to spatial and temporal variations in effective gravity	To be published in the Proceedings of the 3rd International Conference on Drops and Bubbles, Monterey, California USA, September 1988
1988	Rosten HI & Worrell JK	Generalised wall functions for turbulent flow	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol.1, No. 1, pp 81-109, 1988.
1988	Leitner A	Analysis of fluid flow in the nozzle of IN thruster: comparison between the codes: PHOENICS and VNAP2 rafa-el-ADA.	22nd Israel Conference on Mechanical Engineering, Beer-Sheva, June 1988. (Written in Hebrew)
1988	Moodie JP, Davis MPO & Cross M	Numerical modelling for the analysis of direct smelting processes.	New Ironmaking and Steelmaking Processes. 7th Process Technology Conference Proceedings.
1988	Rosten HI & Worrell JK	Provision of monitor print-out for more than one location.	Volume 1 No 2, pp 270-281. The PHOENICS Journal of Computational Fluid Dynamics and its Applications. Published by CHAM Limited
1988	Dawes WN	Development of a 3D Navier-Stokes solver for application to all types of turbomachinery.	Presented at the Gas Turbine and Aeroengine Congress, Amsterdam, The Netherlands, June 6-9 1988
1988	Truelove JS	*** Three-dimensional radiation in absorbing-emitting-scattering media using the discrete-ordinates approximation.	J Quant Spectrosc Radiat Transfer Vol. 39, No. 1, pp 27- 31, 1988
1988	Crespo A, Hernandez J & Luken E	Validation of turbulence models of wind turbine wakes	Proceedings of Wind Energy Conference, Herring, Denmark

1988	Lightfoot RB, Pericleous KA & Rhodes N	Mathematical modelling in the energy from biomass programme.	Biomass for Energy and Industry, 5th Edition EC Conference, Naples, Italy.
1988	Pericleous KA, Worthington D & Cox G	Smoke spread simulation in a covered sports stadium.	A Two Day Seminar and Workshop Powerful Computing Systems for Fluid Flow Applications. London UK, June 1988
1988	Friebel WC	Numerische simulation von kingwirbein.	VDI-Verlag Reihe 7: Stromungstechnik NR136 (German Text)
1988	Kier SC & Lavin JT	Computer simulation of gas distribution in large shallow packed adsorbers.	BOC Cryoplants Limited UK, 1988
1988	Spalding DB.	Modifying a body-fitted- coordinate grid during a PHOENICS computation	The PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 1 No.1, pp 110-140, 1988.
1988	Ilegbusi OJ & Szekely J	*** Mathematical modelling of the electromagnetic stirring of molten metal-solid suspensions	Transactions ISIJ Vol. 28 1988, pp 97-103
1988	van Dijk GJ, Lamers A & van Steenhoven AA	Comparison of the PHOENICS package to a finite element package for simple convection- diffusion problems	PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 1, No 2, pp 247-269. Published by CHAM
1988	Malin MR & Sanchez L	One-dimensional steady transonic shocked flow in a nozzle.	PHOENICS Journal of Computational Fluid Dynamics and Its Applications Vol. 1, No 2, pp 214-246. Published by CHAM
1988	Rhodes N	Prediction of smoke movement: an overview of field model validation	Publication: ASHRAE Transactions 1988 Vol. 95, Part 1
1988	Villasenor F & Radosavljevic D	Numerical simulations of flat- plate turbulent boundary layer in supersonic flow	PHOENICS Journal on Computational Fluid Dynamics and Its Applications Vol1, No 2, pp 141-213. Published by CHAM
1988	Lopez de Sertodano M, Lahey RT & Drew DA	The prediction of two-phase turbulence and phase distribution phenomena using a reynolds stress model	Presented at ASME Winter Annual Meeting - Chicago November 1988. Publishers ASME.
1988	Brown GA, Cheng CY, Borgia JA, Rosenthal E & Blaylock J	CFD Analysis of flow in a heavy-duty filter	Presented at the Second International Conference on Supercomputing in the Automotive Industry, Seville, Spain, October 25-28 1988
1988	Malin MR & Parry JD	Turbulent heat and momentum transfer in rough tubes	PHOENICS Journal of Computational Fluid Dynamics

			and Its Applications, Vol. 1, No 1, pp 59-80. Published by CHAM
1988	Wu JZ	The application of the two-fluid model of turbulence to ducted flames.	PHOENICS Journal of Computational Fluid Dynamics and its Applications, Vol. 1, No 1, pp 8-58. Published by CHAM
1988	Svensson U	Numerical modelling of environmental two-phase flows	Modelling and Solution Techniques for Multiphase Flow, pp123-148. Harwood Academic Publishers
1988	Jun L & Spalding DB	Numerical simulation of flows with moving interfaces	PCH PhysicoChemical Hydrodynamics, Vol. 10, No 5/6, pp 625-637 1988. Published by Pergamon Press.
1988	Rhodes N & Wilkinson TS	The prediction of steam-condenser and turbine-exhaust performance	HTD Vol. 104, pp 225-230. Published by ASME
1988	Kler SC & Lavin JT	Simulation of flow on distillation trays	BOC Cryoplants Limited, UK 1988
1988	Ilegbusi OJ & Szekely J	*** Fluid Flow phenomena in the generation of boron carbide suspension in magnesium melts	Ceram. Engineering Science proceedings 9 (7-8), pp 1079 - 1086, 1988
1988	Ilegbusi OJ & Szekely J	*** Fluid flow and tracer dispersion in shallow tundishes	Steel Research 59 1988, No 9, pp 399-405
1988	Assimacopoulos D	Wave propagation and non-equilibrium interphase processes in transient two-phase flows	Applied Mathematics Modelling Vol. 12, June 1988. Butterworths Fundamental studies
1988	Wahnsiedler WE	Hydrodynamic Modelling of Commercial Hall-Heroult Cells	Internal report. Aluminium Company of America, Alcoa Laboratories, Alcoa Center PA 15069, USA
1988	Ilegbusi OJ, Szekely J, Boom R, van der Heiden A & Klootwijk J.	*** Physical and mathematical modelling of fluid flow and tracer dispersion in a large tundish and a comparison with measurements in hoogovens system	Proceedings W O Philbrook Memorial Symposium, pp 185-191
1988	Slotta LS, Wollander JR, Teng CC & Heydarpour J	Flow through fish bypass intakes	National Conference on Hydraulic Engineering and International Symposium on Model-Prototype Correlations. Colorado Springs, August 8-12, 1988
1988	Ilegbusi OJ & Szekely J	*** On the flow criteria for suspending solid particles in inductively stirred melts: Part 1. Newtonian Behaviour	Metallurgical Transactions, B Volume 19b, pp 557-562 August 1988

1988	Markatos NC & Spalding DB	Computer modelling of the heat-transfer mechanical and thermal-stress behaviour of heat exchangers	Presented at the European Conference on Heat Exchangers "Recent Advances in Heat Exchanges", Grenoble, France, October 1988
1988	Ilegbusi OJ, Szekely J & Cartwright RA	Some asymptotic and computed results on magnetically damped czochralski crystal growing systems	PCH PhysicoChemical Hydrodynamics, Vol. 10, No 1, pp 33-51, 1988. Published by Pergamon Press.
1987	Simard C, Bui RT & Potocnik V.	Solving moving boundary problems using PHOENICS with effective thermal properties.	Proceedings of the 2nd International PHOENICS User Conference, November 1987.
1987	Maltson JD & Wilcock D.	Laminar flow and heat transfer in corrugated (rippled) ducts.	Proceedings of the 2nd International PHOENICS User Conference, November 1987.
1987	Friebel WC & Rath HJ.	The formation and behaviour of laminar vortex rings.	Proceedings of the 2nd International PHOENICS User Conference, November 1987.
1987	Voller VR & Prakash C.	A fixed grid numerical modelling methodology for convection-diffusion mushy region phase-change problems.	International Journal of Heat and Mass Transfer Vol. 30, No 8, pp 1709-1719, 1987.
1987	Mukerjee T, Tam LT, Jain SK & Costes NC.	A multidomain and multidimensional numerical analysis of flow in fuelside preburner, high pressure turbine, hot gas manifold and main injector assembly of the space shuttle main engine.	Proceedings of AIAA/SAE/ASME/ASEE 23rd Joint Propulsion Conference, June 29-July 2 1987, San Diego, California.
1987	Mason D, Markatos NC, Reed AR	Numerical simulation of the flow of gas-solids suspension acceleration regions of pipelines	Proceedings of the 2nd International PHOENICS User Conference, November 1987.
1987	Prakash C.	Prediction of some complex multi-dimensional two-phase flow phenomena using the PHOENICS code (1) phase distribution in ducts (2) phase separation in tee junctions and (3) condensation in stratified flow.	Proceedings of the 2nd International PHOENICS User Conference, November 1987.
1987	Castrejon A.	The pioneering use of PHOENICS in Mexico.	Proceedings of the 2nd International PHOENICS User Conference, November 1987.

1987	Schwarz MP & Philip DK.	Turbulent flow in a 20 kg bath of molten pig iron with bottom-injected nitrogen.	Proceedings of the 2nd International PHOENICS User Conference, November 1987.
1987	Kannapel MD, Przekwas AJ, Singhal AK & Costes NC.	Liquid oxygen sloshing in space shuttle external tank.	Proceedings of AIAA/SAE/ASME/ASEE 23rd Joint Propulsion Conference, June 29 - July 2 1987, San Diego, California.
1987	Tam LT.	A numerical solution algorithm for solving equilibrium and non-equilibrium chemistry in laminar and turbulent reacting flows.	Proceedings of AIAA/SAE/ASME/ASEE 23rd Joint Propulsion Conference, June 29 - July 2 1987, San Diego, California.
1987	Tam LT, Przekwas AJ, Mukerjee T & Costes NC.	A multidomain global modeling technique for analysis of space shuttle main engine.	Proceedings of AIAA/SAE/ASME/ASEE 23rd Joint Propulsion Conference, June 29- July 2 1987, San Diego, California.
1987	Bjornbom P.	Mathematical modelling of an air electrode according to the 041 concept.	Proceedings of the International Seminar on Fuel Cell Technology and Applications. The Haag, Holland, October 26-29 1987.
1987	Lightfoot RB, Phelps PJ & Wilkinson TS.	The development of advanced design models for condenser and turbine exhausts.	Proceedings of the 2nd International PHOENICS User Conference, November 1987.
1987	Shaw CT.	Evaluation of PHOENICS for predicting internal and external flows.	Jaguar Cars Ltd., Coventry. Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM.
1987	Shah P & Markatos NC.	Computer simulation of turbulence in internal combustion engines.	Int. Journal Numerical Methods Fluids, Vol. 7, pp 927-952, J Wiley & Son, 1987.
1987	Tam LT, Przekwas AJ, Hendricks RC, Braun MJ & Mullen RK.	Numerical and analytical study of fluid dynamic forces in seals and bearings.	Presented at the 11th Biennial ASME Conference, Boston, Massachusetts, USA, 1987.
1987	Koh PTL, Markatos NC & Cross M.	Numerical simulation of gas-stirred liquid baths with a surface.	Proceedings of PCH 6th International Conference, Oxford. PCH Vol. 9, No 1/2, pp 197-208, Pergamon Press, 1987.
1987	Kostamis P, Richards CW & Markatos NC.	Numerical simulation of two-phase flows with chemical reaction and radiation.	Proceedings of PCH 6th International Conference, Oxford. PCH Vol. 9, No 1/2, pp 219-228, Pergamon Press, 1987.
1987	Maeda T & Murate H.	An approach to visco-elastic flow simulation in rotating cylinders.	Proceedings of PCH 6th International Conference, Oxford. PCH Vol. 9, No 1/2, pp 229-236, Pergamon Press, 1987.

1987	Qin HQ & Spalding DB.	Flow in a toroidal vortex.	Proceedings of PCH 6th International Conference, Oxford. PCH Vol. 9, No 1/2, pp 315-343, Pergamon Press, 1987.
1987	Spalding DB & Villasenor F.	Numerical simulation of kelvin-helmholtz instability in a stratified shear flow.	Proceedings of PCH 6th International Conference, Oxford. PCH Vol. 9, No 1/2, pp 379-386, Pergamon Press, 1987.
1987	Ilegbusi JO.	A two-fluid model of turbulence-application to near-wall flows.	Proceedings of PCH 6th International Conference, Oxford. PCH Vol. 9, No 1/2, pp 127-160, Pergamon Press, 1987.
1987	Ilegbusi OJ & Spalding DB.	Application of a two-fluid model of turbulence to turbulent flows in conduits and free shear-layers.	Proceedings of PCH 6th International Conference, Oxford. PCH Vol. 9, No 1/2, pp 161-181, 1987.
1987	Mainini F.	Calculation of three-dimensional trans-sonic and viscous flow in a steam turbine exhaust hood.	Presented at the 42nd National Congress ATI, Genova, September 1987, Italian Text.
1987	Mendrinis D, Freeston DH & Mallinson GD.	A preliminary application of PHOENICS to the analysis of geothermal wells.	Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM.
1987	Richards PJ & Miller C.	Simulation of wind flow over artificial windbreaks.	University of Auckland, New Zealand. Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM.
1987	Glynn DR & Kalsi HS.	Numerical prediction of flow in a fluidic oscillator .	Proceedings of 2nd International PHOENICS User Conference, November 1987.
1987	Greaves JRA.	The development of the 3-dimensional motor vehicle aerodynamics computer model and its application to the Rover 800 shape.	Gaydon Technology Limited, Warwickshire. Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM.
1987	Kjaldman L.	Numerical simulation of dust explosions.	Technical Research Centre of Finland. Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM.
1987	Ahlstedt H, Oksanen A & Karvinen R.	Modelling of swirling flows and heavy fuel combustion.	Tampere University of Technology Finland. Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM.

1987	Pericleous KA, Clark IW & Brais N.	The modelling of thermal NO <sub>x</sub> emissions in combustion and its applications to burner design .	Tempere University of Technology Finland. Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM.
1987	Spalding DB.	Computer simulation of turbulent combustion in reciprocating engines.	CFDU Imperial College, London. Presented at the 2nd International PHOENICS User Conference, November 1987.
1987	Jain SK & Mukerjee T.	Multidimensional numerical analysis of port flow in unit fuel injector of diesel engine.	
1987	Kirkcaldy D, Phelps PJ & Rhodes N.	Prediction of fluid behaviour during reactor transient analysis using coupled 1D and 3D models.	Proc. Int. Symposium and Workshop, Schilersee, West Germany, October 1987.
1987	Galea ER & Markatos NC.	Prediction of fire development in aircraft .	Thames Polytechnic. Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM.
1987	Szekely J, Ilegbusi OJ & El-Kaddah N.	The mathematical modelling of complex fluid flow phenomena in tundishes.	PCH PhysicoChemical Hydrodynamics, Vol. 9, No 3/4, pp 453-472, 1987. Published by Pergamon Press.
1987	Sharp AM.	A theoretical and experimental investigation of the flow through two mixed flow fan rotors.	Proceedings of the 2nd International PHOENICS User Conference, November 1987.
1987	Savvides CN & Colman A.	Pulsatile flow through a step expansion.	Proceedings of the 2nd International PHOENICS User Conference, November 1987.
1987	Mahaffey WA & Mukerjee T.	Turbulent ship airwake environment analysis.	NADC Warminster PA USA. Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM.
1987	Sampath S & Ganesan V.	Numerical prediction of flow and combustion in three-dimensional gas turbine combustors.	Journal of the Institute of Energy (15) Mach 1987.
1987	van Essen D, Kupers G & Mes H	Thermal Hydraulic modelling studies on heat exchanging components	Notes on Numerical fluid Mechanics, Vol. 17, Ed. P Wesselng. Published Griedr. Vieweg & Sohn VmbH, raunschweig, 1987
1987	Hoggkvist K & Taesler R	Pressure distribution on a small-scale house-numerical	The Swedish Meteorological and Hydrological Institute, Norrkoping, Sweden. Presented

		simulation of wind tunnel experiments	at the 2nd International PHOENICS User Conference, November 1987
1987	Rutberg J, Jojansson G & Olsson E	Calculation of the flow field behind a bluff body	Chalmers University, Sweden. Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM
1987	Sukarie GJ & Vitzthum KM	Automatic model generation for analysis of flow around a ship's hull	IABG Germany. Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM
1987	Spalding DB & Wu JZ	The application of the two-fluid model of turbulence to flows over a backward-facing step	Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings.
1987	Maeda T & Murata H	A survey note on magnetic field analysis by PHOENICS	Century Research Centre, Japan. Presented at 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM
1987	Gidhagen L, Nyberg L & Svensson U	A model system for marine circulation studies. part a: basic principals and comparisons with analytical solutions & part b: applications to the Baltic system	Computer Aided Fluid Engineering Sweden. Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM
1987	Prakash C.	Prediction of condensation in stratified flow (data set-16) using the PHOENICS code.	CHAM NA, Huntsville Alabama, USA, 1987.
1987	Glynn DR, Ludwig JC & Rhodes N.	Prediction of the three-dimensional flow over an aircraft afterbody.	Presented at the AEROTECH 87 Conference (IMECHE) Birmingham, October 1987.
1987	Prakash C	Prediction of some complex multi-dimensional two-phase flow phenomena using the PHOENICS code (1) phase distribution in ducts (2) phase separation in tee junctions (3) condensation in stratified flow.	Published in the 2nd International PHOENICS User Conference Proceedings, 1987.
1987	Markatos NC, Pericleous KA & Simitovic R.	A hydrometeorological three-dimensional model of thermal energy releases into environmental media.	Int. Journal for Numerical Methods in Fluids, Vol. 7, pp 263-276. J Wiley & Sons, 1987.
1987	Shah P & Markatos NC.	On the 2d and 3d computer analysis of turbulence internal combustion engines.	Presented at the ASME Energy Sources Technology Conference and Exhibition, Dallas, Texas. ASME paper 87-FE-12, 1987.



1987	Shah P, Markatos NC & Glynn DR.	Variable grids for modelling flow in reciprocating engines.	Presented at Modelado en Motores de Combustion Interna, Universidad Politecnica de Valencia, Spain, June 1987.
1987	Huffman RN.	Implementation of a fluid-flow and heat-transfer simulation program.	MSc Thesis, Dept. of Mechanical Engineering, Bucknell University, Lewisburg, PA, USA, 1987.
1987	Malin MR & Spalding DB.	Flow and Heat transfer in two-dimensional turbulent wall jets and plumes.	PCH PhysicoChemical Hydrodynamics, Vol. 9 No 1/2, pp237-274, 1987.
1987	Larsson R.	Lateral mixing in channels due to secondary currents.	Nordic Hydrological Conference, Rejkavik, Iceland, 31625, 1987.
1987	Hu H & Keck J	*** Autoignition of adiabatically compressed combustible gas mixtures	Internal report. Massachusetts Institute of Technology.
1987	Eiseman P	Adaptive grid generation.	Computer Methods in Applied Mechanics and Engineering 64 (1987) pp 321-376.
1987	Nallasamy M.	Computation of confined turbulent coaxial jet flows.	Journal of Propulsion and Power, Vol. 3, No 3, pp 263-268, 1987.
1987	Malin MR.	On the calculation of heat transfer rates in fully turbulent wall flows.	Applied Math. Modelling Vol. II, pp 281-284, Butterworths, 1987.
1987	Ilegbusi OJ, Szekely J	*** Melt Stratification in ladles	Transactions ISIJ Vol. 27 1987, pp 563-569
1987	Ilegbusi OJ & Szekely J.	*** The modelling of fluid flow, tracer dispersion and inclusion behaviour in tundishes.	Proc TMS-AIME Symposium in Extractive Metallurgy Palm Springs, pp 409 - 430, 1987.
1987	Liao G & Beale SB.	Computer simulation of the leakage of filtering facepiece respirators.	HSE Contract Report No 4, 1987.
1987	Liao G & Beale SB	Computer simulation of the misting of eye protectors	HSE Contract Research Report No. 4.
1987	Salinas D & Kodres C	Modelling of the aerothermal characteristics of jet engine test cells naval post graduate school, Monterey, SA.	Presented at the 2nd International PHOENICS User Conference, November 1987. Published in Proceedings, CHAM
1987	Fenech K, Cross M & Voller VR.	Numerical modelling of the cohesive zone formation in the iron blast furnace.	PCH PhysicoChemical Hydrodynamics, Vol. 9, No 1/2, pp 71-83, 1987.
1987	Hendricks RC, Tam LT, Braun MJ & Vlcek BL.	Evaluation of seals for high-performance cryogenic turbomachinery.	NASA Technical Memorandum 88989. Prepared for the XVii Congress of Refrigeration, 1987.
1987	Pericleous KA & Patel MK.	The modelling of tangential and axial agitators in chemical reactors.	PCH PhysicoChemical Hydrodynamics, Vol. 8, No 2, pp 105-123. Pergamon Press, 1987.

1987	Bourgeois T, Bui RT, Charette A, Kocaeve Y, Stevens W & Dervedde E.	Simulating the combustion chamber of an aluminium casting furnace.	Presented at the AIME 88 Annual Meeting, Phoenix, Arizona, January 1987.
1987	Malin MR.	The decay of mean and turbulent quantities in vertical forced plumes.	Applied Math. Modelling Vol. II, pp 301-314, Butterworths, 1987.
1987	Rhodes N, Pericleous KA & Drake SN.	The prediction of hydrocyclone performance with a mathematical model.	3rd International Conference on Hydrocyclones, Oxford, 1987.
1987	Pericleous KA.	Mathematical simulation of hydrocyclones.	Applied Math. Modelling Vol. II/4, pp 242-255 August 1987, Butterworths.
1987	Birch NT	Navier-Stokes predictions of transition, loss and heat transfer in a turbine cascade.	Presented at the Gas Turbine Conference and Exhibition, Anaheim, California - May 31 - June 4, 1987
1987	Bruzzone D & Caprino G.	La scia Tridimensionale di carena attraverso una soluzione combinata strato limite sottile ed equazioni ellittiche di Reynolds.	Nav 86 Palermo, Italy, October 1987, Italian text.
1987	Bruzzone D & Caprino G.	An application of the numerical techniques to predict the flow for hull from design.	Int. Symposium on Advanced Research for Ships and Shipping in the Nineties, Genoa, Italy, October 1987.
1987	Ludwig JC & Tacke KH	Steel flow and inclusion separation in continuous casting tundishes.	Presented at the Mathematical Models for Metals and Materials Application. 12-14 October 1987, Sutton Coldfield.
1987	Velarde MG, Garcia-Ybarra PL & Castillo JL	Interfacial oscillations in benard-marangoni layers.	PCH Physico Chemical Hydrodynamics. Vol. 9, No 1/2, pp 387-392, 1987.
1987	Rhee S, Szekely J, Ilegbusi OJ	*** On three-dimensional transport phenomena in CVD processes	Journal on the Electrochemical Society Vol. 134, No 10 1987
1987	Hemstrom B & Svensson U.	Mathematical simulation of steady three-dimensional flow in a steam generator.	Presented at the IAHR Congress, Lausanne, Switzerland, 1987.
1986	Mukerjee T & Singhal AK.	Numerical modelling of unsteady single- and two-phase flow through a round pipe with an orifice meter.	Paper presented at Symposium on Measuring and Metering of Unsteady Flows 1986 ASME WAIM Anaheim CA Dec. 7-12, 1986.
1986	Prakash C, Singhal AK & Shafer C.	Thermofluid analysis of the SSME preburner using a gas-gas diffusion model for oxygen and hydrogen combustion at supercritical pressures.	Presented at AIAA/ASME/ASEE 22nd Joint Propulsion Conference, Huntsville, Alabama, June 1986.

1986	Rawsley SM & Tatchell DG.	Application of the PHOENICS code to the computation of the flow around automobiles.	Presented at the 1986 SAE International Congress and Exposition, Michigan, February 1986. SAE paper 860217.
1986	Yamada T, Inoue T, Yoshimatsu A, Hiramatsu T & Konishi M.	In-cylinder gas motion of multivalve engine-three dimensional numerical simulation.	Presented at the 1986 International Congress and Exposition, Michigan, February 1986. SAE paper 869465.
1986	Curtis WJ.	Cooling of the ISIS target.	Rutherford Appleton Laboratory Report No RAL 86-014, 1986.
1986	Przekwas AJ, Edwards JP & Gross K.	SSME thrust chamber modelling with Navier-Stokes equations.	Presented at AIAA/ASME/ASEE 22nd Joint Propulsion Conference Huntsville, 1986.
1986	Larsson R	Coriolis generated secondary currents and their effects on turbulent channel flow	WREL Report Series A No 143, 1986.
1986	Sawada I, Kitamura T & Ohashi T.	The mathematical modelling of the coupled reactions in the pre-treatment of molten iron by powder injection.	Presented at SCANINJECT Conference, Lulea, Sweden, June 1986.
1986	Markatos NC.	The mathematical modelling of turbulent flows.	Appl. Math Modelling Vol. 10, pp 190-220, June 1986 .
1986	Porsch HCF & Poth J.	Vergleich zwischen Berechnung und Messung der zweidimensionalen Umstroemung eines Rennfahrzeug-Mittelschnitts.	Internal report. VDI-Tagung Fahrzeugtechnik, Berechnung in Automobilbau, 6-7 November 1986, Wurzburg.
1986	Mess H, van Essen D, Kirkcaldy D & Phelps PJ.	PHOENICS code thermal hydraulic analysis of a prototype LMFBR straight tube steam generator.	Presented at the ASME Winter Annual Meeting, California, November 1986. ASME A Paper 86-WA/NE-5.
1986	Szekely J & El Kaddah N.	The mathematical modelling of three-dimensional heat flow, fluid flow and turbulence phenomena in tundishes.	Internal report. Massachusetts Institute of Technology (Szekely) and Dept. of Metallurgical Engineering of University of Alabama (Kaddah), 1986.
1986	Przekwas AJ, Singhal AK, Tam T & Davidian K.	Computational simulation of liquid rocket injector anomalies.	Presented at AIAA/ASME/ASEE 22nd Joint Propulsion Conference, Huntsville, Alabama, June 1986.
1986	Larsson R.	Coriolis generated secondary currents in channels.	Journal of Hydraulic Engineering Vol. 112 No 8, pp 750-767, August 1986.
1986	Pericleous KA & Rhodes N.	Use of computational fluid dynamics in analysis and design.	Presented at Pira, Paper and Board Division Seminar on Recent Developments in the use of Wastepaper in the Manufacturing of Paper and Board, Leatherhead, Surrey, 1986.

1986	Keeton LW, Singhal AK & Irani A.	ATHOS3 code analysis of tube plugging effects on the thermal-hydraulic characteristics of a one-through steam generator.	Presented at the ASME Winter Annual Meeting Anaheim, California, 1986.
1986	Singhal AK, Keeton LW, Majumdar AK, Mukerjee T & Johnson RS.	An improved mathematical formulation for the computations of flow distribution in manifolds for compact heat exchangers.	Presented at the ASME Winter Annual Meeting Anaheim, California, 1986.
1986	Tansley GD, Edwards RJ, Leefe SE & Gentle CR.	Ball occluder instability during forward flow through prosthetic heart valve conduits.	Proceedings of X111 Annual Meeting of European Society for Artificial Organs Avignon France 4(2),pp 169-171, 1986.
1986	Leefe SE, Edwards RJ, Tansley GD & Gentle CR.	Investigation into leakage design in prosthetic heart valves.	Proceedings 26th Annual Scientific Conference of the Biological Engineering Society, Glasgow, 1986.
1986	Markatos NC & Cox G.	A novel approach to the field modelling of fire.	PHC PhysicoChemical Hydrodynamics, Vol. 7, No 2/3,pp 125-143, 1986.
1986	Murthy SNB, Warner CF, Yan J & Lafayette W.	Ignition and flame stability of fuel jet through blockers in cross flow	AIAA/ASME/SAE/ASEE 22 Joint Propulsion Conference, Huntsville, Alabama, June 16-18, 1986
1986	Markatos NC & Pericleous KA.	A two-fluid model of turbulence applied to simulation of fires	Numerical Mathematics and Applications, 1986
1986	Pericleous KA & Rhodes N	The hydrocyclone classifier-a numerical approach	International Journal of Mineral Processing, 17, pp 23- 43
1986	Truelove JS	Prediction of the near-burner flow and combustion in swirling pulverized-coal flames.	21st Symposium on Combustion - The Combustion Institute 1986, pp 275 - 284
1986	Mukerjee T, Przewas AJ, Holland RS & Costes NC	Numerical analysis of the three-dimensional flow in the main injector of the space shuttle main engine.	Presented at /aiaa/ASME/SAE/ASEE 22nd Joint Propulsion Conference, Huntsville, Alabama, June 1986
1986	Keeton LW, Habchi SD, Singhal AK & Srikantiah G	Thermal hydraulic analysis/data comparisons of two -tube steam generators using the ATHOS3 code.	Presented at the ASME Winter Annual Meeting Anaheim California 1986
1986	Lansholt M & Thomassen D	Computer modelling of fluid flow through orifices.	Presented at the International Conference on Flow Measurement in the Mid 80's, June 1986.
1986	Paterson DA & Apelt CJ.	Computation of wind flows over three-dimensional buildings.	Journal of Wind Engineering and Industrial Aerodynamics 24,pp 193-213. Elsevier Science Publishers BV Amsterdam, 1986.

1985	Rhodes N & Ludwig JC.	Modelling the behaviour of additives in gun barrels.	Presented at AGARD-PEP (Propulsion of Energetics Panel) 66th Specialist Meeting, Florence September 1985.
1985	Ludwig JC, Rogers S, Enrigh PG & Katgerman L.	Turbulent mixing and solidification of a liquid metal jet in a confined molten metal stream of different composition.	Proceedings of 4th International Conference on numerical Methods in Thermal Problems, Swansea 1985, Pineridge Press.
1985	Davis MP, Ludwig JC & Rhodes N.	The application of PHOENICS to transonic jets.	Proceedings published Lecture Notes in Engineering 18, pp 260-270, 1986.
1985	Phelps PJ, Kirkcaldy D & Purslow B.	Application of the PHOENICS code to LMFBR plenum analysis.	Proceedings published Lecture Notes in Engineering 18, pp 173-183, 1986.
1985	Brown GA & Phelps PJ.	CFDR-diagrid hydraulic analysis using the PHOENICS code.	Proceedings published Lecture Notes in Engineering 18, pp 193-203, 1986.
1985	Brown GA & Scriven J.	*** Shell-side hydraulic phenomena in the inlet and outlet regions of the CFDR steam generators.	Proceedings published Lecture Notes in Engineering 18, pp 215-224 ,1986.
1985	Enright PG, Ludwig JC, Rogers S & Katgerman L.	Mixing and solidification of a turbulent liquid metal jet.	Proceedings published Lecture Notes in Engineering 18, pp 397-407, 1986.
1985	Fenech K, Cross M & Voller V.	A computational framework for modelling the raceway of the iron blast furnace.	Presented at the IMACS World Congress Oslo, August 1985.
1985	Fukuda S & Suzuki H.	*** Natural convection analysis of nuclear fuel shipping cask.	Proceedings published Lecture Notes in Engineering 18,pp 184-192 1986 Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985.
1985	Kostamis P, Richards CW & Markatos NC.	*** Numerical modelling of radiation phenomena in two-phase flows.	Proceedings published Lecture Notes in Engineering 18,pp 386-396 1986.Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985.
1985	Veenhuizen DJ.	*** Flow between a solid wall and a rotating disc with pressure relief holes.	Proceedings published Lecture Notes in Engineering 18,pp 328-334 1986. Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985.
1985	Rhodes N, Tatchell DG & Pericleous KA.	Computational methods for two-phase flow systems and their application to engineering equipment.	Proceedings 11th IMACS World Congress on System Simulation and Scientific Computation, Norway, Vol. 2, pp 181-184 Elsevier, 1985.

1985	Shah P & Markatos NC.	On the 2d and 3d computer analysis of turbulent flow in internal combustion engines.	Proceedings published Lecture Notes in Engineering 18,pp 56-72 1986. Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985.
1985	Voller VR, Markatos NC & Cross M.	*** Solidification in convection diffusion.	Proceedings published Lecture Notes in Engineering 18,pp 425-432 1986. Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985.
1985	Mahaffey WA, Mukerjee T & Singhal AK.	Prediction of turbulent ship air-wake characteristics.	Proceedings published Lecture Notes in Engineering 18,pp 335-352 1986. Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985.
1985	Seppen JJ.	*** Intake and exhaust processes in combustion engines development of siflex.	Proceedings published Lecture Notes in Engineering 18,pp73-84 1986 Springer-Verlag. Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985.
1985	Lovgren R.	*** Numerical two-dimensional air flow simulation over a backward-facing step and a block.	Proceedings published Lecture Notes in Engineering 18,pp 447-457 1986. Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985.
1985	Baldwin SJ, White PRS & Al-Daini AJ.	*** Investigation of the gas side flow field in a circular tube-plate fin heat exchanger.	Proceedings published Lecture Notes in Engineering 18,pp 364-374 1986. Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985.
1985	Karvinen R & Ahlstedt H.	*** Use of PHOENICS with modifications in some process problems.	Proceedings published Lecture Notes in Engineering 18,pp 355-363 1986. Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985.
1985	Kannapel MD, Przekwas AJ & Singhal AK.	*** Two-phase flow analysis for the pressure slump problem of space shuttle's oxygen tank.	Proceedings published Lecture Notes in Engineering 18,pp 271-288, 1986.
1985	Hall MG	Cell-vertex multigrid schemes for solution of the euler equations.	Invited paper at Conference of Numerical methods for Fluid Dynamics, 1-4 April 1985, University of Reading.
1985	Rhodes N, Al Sanea SA & Pericleous KA.	The use of the fluid flow program PHOENICS in engineering design.	Presented at the ENGSOFT Exhibition, London, 1985.

1985	Markatos NC & Shah P.	Turbulence modelling in internal combustion engines.	Proceedings of International Conference on Numerical Methods in Laminar and Turbulent Flow, July 1985, Swansea, pp 1439-1454, Pineridge Press.
1985	Mukerjee T & Singhal AK.	Analysis of flow development in open combustion cavities of diesel engines.	Proceedings of ASME WAM, FE-7D Symposium of Fluid Mechanics of International Combustion Engines, December 1984.
1985	Janson CE & Larsson L.	Ship flow calculations using the PHOENICS computer code.	Proceedings of 2nd International Symposium on Ship Viscous Resistance, Goteborg, Sweden, 1985.
1985	Majumdar AK, Singhal AK, Tam LT & Sursock JP.	Transient mixing analysis of the pressurized thermal shock problem.	Proceedings of 1985 National Heat Transfer Conference.
1985	Singhal AK.	A critical look at the progress in numerical heat transfer and some suggestions for improvement.	Journal of Numerical Heat Transfer, Hemisphere, 1985.
1985	Cox G.	The mathematical modelling of fires in enclosures.	Proceedings of "Interflam 85" International Conference on Flammability, Guildford UK 1985.
1985	Sawada I & Ohashi T.	Numerical analysis of two-phase flow in the continuous casting mould in the steel-making process.	Proceedings 11th IMACS World Congress on System Simulation and Scientific Computation, Norway, Vol. 2, pp 185-188, 1985, Elsevier.
1985	Edwards JP, Glynn DR & Tatchell DG.	Flow and blade loading in centrifugal impellers.	Proceedings of 1st International PHOENICS User Conference, Dartford, Kent. Lecture Notes in Engineering 18, pp 302-317 1986.
1985	Simitovic R, Markatos NC & Pericleous KA.	On the three-dimensional modelling of airborne evaporative cooling tower effluent in interaction with the atmosphere.	Proceedings of 4th International Conference on numerical Methods in Laminar and Turbulent Flow, Swansea July 1985, pp 979-990.
1985	Pericleous KA & Drake SN.	An algebraic slip model of PHOENICS for multi-phase applications.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent. Proceedings published Lecture Notes in Engineering 18 pp 458-470, 1986.
1985	Glynn DR & Rawnsley SM.	Vortex generation around an aerofoil in a boundary layer on a flat plate.	Presented at the 1st International PHOENICS User Conference Dartford, Kent. Proceedings

			published Lecture Notes in Engineering 18 pp 458-470,1986.
1985	Castrejon A & Andrews MJ.	*** A procedure for calculating moving interface flows with PHOENICS-84.	Presented at the 1st International PHOENICS User Conference Dartford, Kent. Proceedings published Lecture Notes in Engineering 18 pp 433-444,1986.
1985	Al Sanea SA, Rhodes N & Wilkinson TS.	Mathematical modelling of two-phase condenser flows.	Presented at 2nd International Conference on Multi-Phase Flow, London, 1985.
1985	Rawnsley SM & Glynn DR.	Flow around road vehicles.	Presented at the 1st International PHOENICS User Conference Dartford, Kent. Proceedings published Lecture Notes in Engineering 18 pp 471-482 1986.
1985	Markatos NC & Pericleous KA.	A two-fluid model of turbulence applied to simulation of fires.	Proceedings 11th IMACS World Congress on System Simulation and Scientific Computation, Norway, Vol. 2, pp 189-193 Elsevier, 1985.
1985	Huang S, Lofdahl L & Olsson E.	*** Using PHOENICS-BFC in the design of a convergent and divergent channel for the simulation of a cascade flow.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1986. Proceedings published Lecture Notes in Engineering 18,pp 318-327 1986.
1985	Kirkcaldy D, Phelps PJ & van Essen D.	PHOENICS code thermal hydraulic analysis of the snr-300hx.	Presented at the ASME Winter Annual Meeting Miami, 31352, Nov. 1985.
1985	Serag Eldin MA.	The spread of pollutants emitted from long and large obstacles in atmosphere.	Technical Report 009, IBM Cairo Scientific Center, 31138, 1985.
1985	Kumar S & Cox G	Mathematical modelling of fires in road tunnels	5th International Symposium on the Aerodynamics and Ventilation of Vehicle Tunnels, Lille, France
1985	Murthy SNB, Warner CF & Winfree J.	Reactive jet flows through protrusions in cross-flow .	Presented at the Seventh International Symposium on Air-breathing Engines, Beijing, China, September 1985.
1985	Yamamoto A, Kimura N, Kichimi H, Inoue H, Yamaoka H, Mito T & Hirabayashi H.	Test results of the topaz thin superconduction solenoid wound with the internal winding method.	Presented at the 9th International Conference on Magnet Technology, Zurich, Switzerland, September 1985.
1985	Rosten HI & Spalding DB.	PHOENICS 84 and beyond.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985. Proceedings



			published Lecture Notes in Engineering 18,pp 1-2, 1986.
1985	Prakash C.	A demonstration calculation of three dimensional fluid flow and heat transfer in a crt-monitor.	CRT-Monitor Internal Report, CHAM North America, 1985.
1985	El-Kaddah N & Szekely J.	Three-dimensional model of fluid flow and tracer dispersion in tundishes.	Proc. Continuous Casting 85 paper, No 49 The Institute Metals, London.
1985	Malin MR, Rosten HI, Spalding DB & Tatchell DG	Application of PHOENICS to flow around ship's hulls	Presented at the 2nd International Symposium on Ship Viscous Resistance, Goteborg, Sweden
1985	Rawsley S.	PHOENICS - a numerical wind tunnel for aerodynamic simulation of road vehicles.	Automotive Engineer, Vol. 10, No 5, October/November, 1985.
1985	Everett MG, Finney RD & Markatos NC	On the computer simulation of aeration of polluted water	ASME Winter Annual Meeting, Miami Florida, USA
1985	McConnell PM, Owens SF & Kamin R.	Prediction of fuel freezing in airplane fuel tanks of arbitrary geometry.	Internal report. The Boeing Company, Seattle, Washington, USA, 1985.
1985	Kawamura T and K Kuwahara (Univ. of Tokyo and Institute of	Direct Simulation of a Turbulent Inner Flow by Finite-Difference Method	Space/Astronautical Science, Tokyo) Presented at AIAA 23rd Aerospace Sciences Meeting January 14-17 1985, Reno Nevada
1985	Purslow B & Smith AG	*** A comparison of PHOENICS predictions for a buoyant vertical jet with experimental data.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985. Proceedings Published Lecture Notes in Engineering 18, pp 204-214 1986.
1985	Bochenek E & Kedzuir F	Simulation of conductive stirring in continuous cast strands with PHOENICS.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985
1985	Verhoeve M, Seppen JJ & Visser A	*** SISCA: a simulation model of the uniflow scavenging process of two-stroke diesel engines.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985. Proceedings published Lecture Notes in Engineering 18, pp 45-55 1986
1985	Ilegbusi JO & Spalding DB.	Numerical calculation of the cold-flow characteristics of a bluff-body flame stabilizer.	Modelling, Simulation and Control, B, ASME Press, Vol. 4, No. 1, pp 31-49, 1985.
1985	Olovsson S, Lofdahl L & Olsson E.	*** Flow calculations in a turbine cascade using PHOENICS-BFC.	Presented at the 1st International PHOENICS User Conference Dartford, Kent 1986. Proceedings published Lecture Notes in

			Engineering 18,pp 291-301, 1986.
1985	Spalding DB	The computation of flow around ships with allowance for free-surface and density-gradient effects	Proceedings of the 1st International Maritime Simulation Symposium, Munich, pp 101-113
1985	Huggkvist K, Anderson C & Taesler R.	*** PHOENICS-applications in building climatology.	Proceedings published Lecture Notes in Engineering 18,pp 122-132. 1986, Springer-Verlag.
1985	Boccio JL, Usher JL, Singhal AK & Tam LT.	The use of a field model to analyze probable fire environments encountered within the complex geometries of nuclear power plant.	Presented at 23rd National Heat Transfer Conference, Denver, August 1985. Heat Transfer in Fire and Combustion Systems HTD-Vol 45,pp 159-166.
1985	Sweeney MEG, Swann CBG, Kenny RG & Blair GP.	Computational fluid dynamics applied to two-stroke engine scavenging.	Presented at 1985 International Off-Highway and Powerplant Congress and Exposition, MECCA, Milwaukee, 31291.
1985	Waters R.	*** Air and smoke movement within a large enclosure.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985. Proceedings published Lecture Notes in Engineering 18,pp 135-147, 1986.
1985	Visser AH.	PHOENICS applications at the delft university of technology.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent, 1985.
1985	Larsson R.	Secondary currents in channels generated by the earth's rotation.	WREL Research Report Series A No 134, 1985.
1985	Kjaldman L & Huhtanen R.	Simulation of flame acceleration in unconfined vapour cloud explosions.	Technical Research Center of Finland, Research Report 357 August 1985.
1985	Owens SF, Mukerjee T, Singhal AK, Przekwas AJ & Glynn DR,	Numerical analysis of flow in the hot gas manifold of the space shuttle main engine,	AIAA-86-1514, Presented at the AIAA 22s Journal Propulsion Conference, Huntsville, Alabama 1985.
1985	Militzer J.	Numerical prediction of the fully developed two-phase (air-solids) flow in a pipe.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent, 1985.
1985	Andreasson P.	Numerisk simulering av stromning i en konisk diffusor.	WREL Report Series B No 28, Abstract in English, 1985.
1985	Kjaldman L & Huhtanen R.	*** Numerical simulation of vapour cloud and dust explosions.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985. Proceedings published Lecture Notes in Engineering 18,pp 148-158, 1986.

1985	Nyberg L.	*** Ice formation in a river.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985. Proceedings published Lecture Notes in Engineering 18, pp 108-121 1986, Springer-Verlag.
1985	Larsson R.	*** Coriolis induced secondary currents in channels.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985. Proceedings published Lecture Notes in Engineering 18, pp 97-107 1986, Springer-Verlag.
1985	Svensson U.	*** PHOENICS in environmental flows. A review of applications at SMHI.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985. Proceedings published Lecture Notes in Engineering 18, pp 87-96, 1986.
1985	Mace ACH, Rogerson JS & Smith AG.	*** Axisymmetric jet expansion into a cylindrical tube.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985. Proceedings published Lecture Notes in Engineering 18, pp 227-238, 1986.
1985	Kumar S, Hoffman N & Cox G	*** Some validation of jasmine for fire in hospital wards.	Presented at the 1st International PHOENICS User Conference, Dartford, Kent 1985. Proceedings publication Lecture Notes in Engineering 18, pp 159-170, 1986.
1984	Everett MG, Finney RD & Markatos NC.	Computer simulation of flow in aeration basins .	Thames Polytechnic, School of Mathematics, Statistics and Computing, Technical Report.
1984	Glynn DR, Kirkcaldy D & Rhodes N.	Prediction of reflooding in single channels and partially-blocked rod bundles.	Proceedings of 5th International Conference on Nuclear Reactor Safety, Karlsruhe, September 84.
1984	Salvetat B.	Analysis of gas flow in three dimensional solid propellant grains.	Proceedings of AIAA Conference, Cincinnati, June 1984.
1984	Pericleous KA, Rhodes N & Cutting GW.	A mathematical model for predicting the flow field in a hydrocyclone classifier.	Proceedings of 2nd International Hydrocyclones Conference, Bath, September 1984 BHRA.
1984	Slotta LS.	Dredge cutterhead flow processes.	Proceedings of Dredging 84 Conference, Florida, November 84.
1984	Mukerjee T, Singhal AK & Spalding DB.	Applicability of numerical flow models to orifice metering problems.	Proceedings of International Conference on the Metering of Natural Gas and Liquefied Hydrocarbon Gases, Oyez Scientific and Technical Services.

1984	Malin MR & Spalding DB.	The prediction of turbulent and plumes by use of the k-w model of turbulence.	PCH PhysicoChemical Hydrodynamics, Vol. 5 No 2, pp 153-198, 1984.
1984	Markatos NC & Pericleous KA.	Laminar and turbulent natural convection in an enclosed cavity.	International Journal of Heat and Mass Transfer, Vol. 27, No 5, pp 755-772, 1984.
1984	Spalding DB.	The two-fluid model of turbulence applied to combustion phenomena.	Proceedings of AIAA 22nd Aerospace Sciences Meeting, Reno, Nevada, Publication AIAA 84-0476, 1984.
1984	Markatos NC & Cox G.	Hydrodynamics and heat transfer in enclosures containing a fire source.	PHC PhysicoChemical Hydrodynamics, Vol. 5, No 1, pp 53-66, 1984.
1984	Hawkins KS & Purslow B.	Experimental and theoretical investigations into the thermal hydraulic behaviour of a fast reactor cold pool.	Proceedings of 3rd International Conference Liquid Metal Engineering and Technology in Energy Production, Oxford 1984, BNES/ANS/ENS.
1984	Hulme G.	A numerical study of the influence of thermal stratification on forced convection heat transfer in sodium.	Proceedings of 3rd International Conference, Liquid Metal Engineering and Technology in Energy Production, Oxford 1984, BNES/ANS/ENS.
1984	Bankoff SG & Hadid A.	The application of a user-friendly code to nuclear thermalhydraulic reactor safety problems.	Proceedings of the International Nuclear Power Plant Thermal Hydraulics & Operations Topical Meeting in Taipei, ROC, October 22-24, 1984.
1984	Mukerjee T, Przekwas AJ, Singhal AK, Duggal VK & Kuo TW.	Three dimensional modeling of in-cylinder processes in diesel engines.	SAE 840227. Proceedings of the SAE Congress, Detroit, USA, 1984.
1984	Cross M & Markatos NC.	Gas injection in ladle processing.	Process Metallurgy, Control; 84 Mineral/Mining Processing, Society of Mining Engineers, pp 291-297.
1984	Markatos NC.	The computation of thick axisymmetric boundary layers and wakes around bodies of revolution.	Proceedings Institute of Mechanical Engineers, Vol. 1980, No 4, pp 51-62, 1984.
1984	Kawamura T and Kuwahara K (Univ. of Tokyo and Institute of	Computation of High Reynolds Number Flow around a Circular Cylinder with Surface Roughness	Space/Astronautical Science, Tokyo) Presented at AAIA 22nd Aerospace Sciences Meeting January 9-12 1984, Reno Nevada
1984	Malin MR & Spalding DB.	A two-fluid model of turbulence and its application to heated plane jets and wakes.	PCH PhysicoChemical Hydrodynamics, Vol. 5, No 5/6, pp 339-362, 1984.

1984	Markatos NC, Rawnsley SM & Spalding DB.	Heat transfer during a small-break loss-of-coolant accident in a pressurized water reactor- a parametric study for a 4 inch lower-plenum break.	International Journal of Heat and Mass Transfer, Vol. 27, No 8, pp 1379-1394.
1984	Bringfelt B	PHOENICS simulering av plymspridning over ett skrovligt underlag .	R&D Notes, Sveriges Meteorologiska och Hydrologiska Institut, No 32, August 1984, SMHI Sweden. Swedish text with English summary.
1984	Hong SK, Murthy SNB & Warner CF.	Jet through a wall protrusion in a cross-flow.	Proceedings of AIAA/SAE/ASME 20th Joint Propulsion Conference, Cincinnati Ohio, June 1984.
1984	Cox G.	Simulated fires in building by computer - the state of the art.	Proceedings of 10th International Association of Forensic Sciences Meeting Oxford, 1984.
1984	Cox G & Kumar S.	The mathematical modelling of fire in forced ventilated enclosures.	Proceedings of 18th DOE Nuclear Airborne Waste Management and Cleaning Conference, Baltimore, 1984.
1984	Cox G.	Computing fire spread.	Building, September 1984, pp 53.
1984	Cox G.	Predicting fire spread in buildings by computer.	The Post Magazine, March 1984, pp 710-711.
1984	Ilegbusi JO & Spalding DB.	A steady-unsteady visualization technique for wake-flow studies.	J Fluid Mechanics, Vol. 139, pp 435-441, 1984.
1984	Kumar S & Cox G.	The application of a nuclear field model of smoke movement to the physical scaling of compartment fires.	Numerical Methods in Thermal Problems, pp 837 Editors: Lewis, Johnson and Smith Pineridge Press,1984.
1984	Bringfelt B.	PHOENICS-simulations of plume spread in the lee of a building and comparisons with smoke experiments and gaussian dispersion formulae.	R&D Notes, Sveriges Meteorologiska och Hydrologiska Institut, No. 35, October 1984. Publisher: SMHI Sweden.
1983	Markatos NC.	Modelling of two-phase transient flow and combustion of granular propellants.	Int. Journal of Multiphase Flows, 1983.
1983	Spalding DB & Tatchell DG.	A general-purpose fluid mechanics computer program for turbomachinery applications.	15th CIMAC Congress, Paris, 1983.
1983	Rosten HI, Spalding DB & Tatchell DG.	PHOENICS: a general-purpose program for fluid-flow, heat transfer and chemical-reaction processes.	Published by CHAM, 1983.
1983	Markatos NC & Simitovic R.	Numerical prediction of sea flow and temperature range	3rd Conference on Numerical Methods for Laminar and

		between power station intake and discharge ports in a bay.	Turbulent Flows, Seattle USA, 1983.
1983	Markatos NC & Pericleous CA.	GRAFFIC a computer package for the interactive graphical representation of fluid flow phenomena.	Advanced Engineering Software, Vol. 5, No 2, pp 86-91, 1983.
1983	Glynn DR, Rhodes N & Tatchell DG.	Numerical modelling of reflood processes.	Proceedings of Conference on Heat and Fluid Flow in Nuclear and Process Plant Safety, Institute of Mechanical Engineering.
1983	Markatos NC.	Computer simulation of turbulent fluid flow in chemical reactors.	Advances in Engineering Software, Vol. 5, No 1, pp 32-38, 1983.
1983	Markatos NC & Pericleous KA.	An investigation of three-dimensional fire in enclosures.	Proceedings of 21st National Heat Transfer Conference ASME/AIChE, HTD, Vol. 25, pp 115-124, 1983.
1983	Markatos NC, Rawnsley SM & Tatchell DG.	Analysis of a small-break loss-of-coolant accident in a pressurised water reactor.	Proceedings of Conference on Heat and Fluid Flow in Nuclear and Process Plant Safety, Institute of Mechanical Engineering, May 83.
1983	Al Sanea S, Rhodes N, Tatchell DG & Wilkinson TS.	A computer model for detailed calculation of the flow in power station condensers.	Theory and Practice IChem E Symposium Series No 75, pp 70-88, 1983.
1983	Aldham CM & Markatos NC	Numerical solution of the navier-stokes equation for laminar flow over a forward facing step.	Proceedings of 6th Meeting of IAHR Working Group, 1983 .
1983	Markatos NC.	The theoretical prediction of external aerodynamics of road vehicles.	Int. Journal of Vehicle Design, Advances in Vehicle Design Series SP3, Impact of Aerodynamics of Vehicle Design, pp 387-400, 1983.
1983	Cox G	A field model of fire and its application to nuclear containment problems	Proceedings of the CSNI Specialist on Interaction of Fire and Explosion with Ventilation Systems in Nuclear Facilities, Los Alamos national Laboratory, New Mexico
1983	Markatos NC.	Computer analysis of building-ventilation and heating problems.	Passive and Low Energy Architecture, pp 667-675, 1983.
1983	Ilegbusi JO & Spalding DB.	An improved version of the k-w model of turbulence.	Proceedings of 21st Heat Transfer Conference, Seattle, ASME/AIChE, 1983.

1983	Majumdar AK, Singhal AK & Spalding DB.	Numerical modelling of wet cooling towers-part 1: mathematical and physical models.	Journal of Heat Transfer, Vol. 105, pp 728-735 ASME See also ref. 1983/21.
1983	Spalding DB.	Chemical reaction in turbulent fluids.	PCH PhysicoChemical Hydrodynamics, Vol. 4, No. 4, pp 323-336, Pergamon Press, 1983.
1983	Hoffman PD, Mukerjee T & Singhal AK.	An application of numerical flow modelling to a tubular reactor evaluation and design study.	Proceedings of 21st National Heat Transfer Conference, ASME/AIChE, Seattle USA, 1983.
1983	Mukerjee T, Majumdar AK & Singhal AK	Three-dimensional numerical calculation of flow distribution to the recipient tubes in compact heat exchangers.	ASME Winter Annual Meeting, Boston, ASME Publication ASME 83WA/HT-83.
1983	Majumdar AK, Singhal AK, Reilly HE & Bartz JA	Numerical modelling of wet cooling towers part 2: application to natural and mechanical draft towers	Journal of Heat Transfer, Vol. 105, pp 736-743. ASME
1983	Ludwig JC, Rhodes N & Tatchell DG.	Numerical modelling of the flow of a hot particle-laden gas.	Proceedings of 7th International Ballistics Symposium, pp 37-51, 1983.
1983	Markatos NC & Kirkcaldy D.	Analysis and computation of three-dimensional transient flow and combustion through granulated propellants.	Int. Journal of Heat Transfer, Vol. 26, No 7, pp 1037-1053, 1983.
1982	Muraoka K.	Calculation of viscous flow around ships with parabolic and partially parabolic flow solution procedure.	Transactions of the West-Japan Society of Naval Architects, No 63, March 1982, pp 13-29.
1982	Markatos NC, Spalding DB, Tatchell DG & Mace ACH.	Flow and combustion in the base-wall region of a rocket exhaust plume.	Comb. Sci. and Tech, Vol. 28, pp 15-29, 1982.
1982	Markatos NC & Singhal AK.	Numerical analysis of one-dimensional, two-phase flow in a vertical cylindrical passage.	Adv. in Eng. Software, Vol. 4, No 3 CML Publications, 1982.
1982	Markatos NC, Phelps PJ & Purslow B	Computer simulation of the thermal-hydraulic behaviour of fast-reactor pools.	Annals of Nuclear Energy, Vol. 9 No 4, pp 179-183, 1982.
1982	Markatos NC, Malin MR & Cox G.	Mathematical modelling of buoyancy-induced smoke flow in enclosures.	Int. Journal of Heat and Mass Transfer, Vol. 25, No 1, pp 63-75, 1982.
1982	Markatos NC, Malin MR, Spalding DB & Tatchell DG.	Analysis and computation of multi-dimensional coal combustion processes.	Presented at ASME Spring Meeting, Fluids Engineering Division, June 1982 ASME Publication 82-FE-8.

1982	Aldham C, Rhodes N & Tatchell DG.	Three-dimensional calculations of explosion containment in fast reactors.	Presented at ASME Spring Meeting, Fluids Engineering Division, June 1982 ASME Publication 82-FE-3.
1982	Spalding DB.	The shadow method of particle-size calculation in two-phase combustion.	Proceedings of 19th Symposium, The Combustion Institute, Pittsburgh, 1982, pp 941-951.
1982	Mace ACH, Markatos NC, Spalding DB & Tatchell DG.	Analysis of combustion in recirculating flow for rocket exhausts in supersonic streams.	Journal of Spacecraft, Vol. 19, No 6, pp 557-563, 1982.
1982	Markatos NC, Rhodes N & Tatchell DG	A general purpose program for the analysis of fluid flow problems.	Numerical Methods for Fluid Dynamics, pp 463-480. Academic Press
1982	Ma ASC, Spalding DB & Sun RLT.	Application of ESCIMO to the turbulent hydrogen-air diffusion flame.	Proceedings of 19th Symposium, The Combustion Institute, pp 393-402, 1982 .
1982	Tatchell DG.	Die Anwendung des Programms PHOENICS in der thermisch-hydraulischen Analyse eines Kernreaktors.	Nuclear Reactor Plant. Int. FEM-Congress, Baden-Baden, November 1982, pp 279-303 .
1982	Markatos NC & Kirkcaldy D.	Analysis and computation of three-dimensional, transient flow and combustion through granulated propellants.	Presented at ASME Spring Meeting, Fluids Engineering Division, June 1982, ASME Publication 82-FE-9 .
1982	Srikantiah GS & Singhal A.	Modeling and simulation of recirculating u-tube nuclear steam generators.	Proceedings of 10th World Congress on System Simulation and Computation, August 1982, Montreal Canada .
1982	Markatos NC & Cox G.	Turbulent buoyant heat transfer in enclosures containing a fire source.	Proceedings of 7th Int. Heat Transfer Conference, Hemisphere Publishing, pp 373-379, 1982 .
1982	Aldham C, Cross M & Markatos NC.	Mathematical modelling of gas injection processes into liquid metals.	Polymodel 5, 5th Annual Conference of NE Polytechnics Mathematical Modelling and Computer Simulation Group, Proceedings: Mathematical Modelling, 1982.
1981	Markatos NC, Spalding DB & Tatchell DG.	Computational analysis of combustion in recirculating flow for rocket exhausts in supersonic streams.	Proceedings of AIAA/SAE/ASME 17th Joint Propulsion Conference, Colorado USA, 1981.
1981	Markatos NC & Mukerjee T.	Three dimensional computer analysis of flow and combustion in automotive internal combustion engines.	Proceedings of IMACS Mathematics and Computers in Simulation Vol. XXIII No 4 pp 354-366 Elsevier, 1981.
1981	Markatos NC & Wills CB.	Prediction of viscous flow around a fully submerged appended body.	Computer Methods in Applied Mechanical and Engineering, Vol. 29, No. 2 pp 175-192, 1981.



1981	Spalding DB.	Developments in the IPSA procedure for numerical computation of multiphase-flow phenomena with interphase slip, unequal temperatures, etc.	Proceedings of 2nd National Symposium Numerical Properties and Methodologies in Heat Transfer. Editor: TM Shih, ch 6 pp 421-436, 1981.
1981	Spalding DB.	A general purpose computer program for multi-dimensional one and two phase flow.	J. Mathematics and Computers in Simulation, North Holland, Vol. XXIII pp 2657-276 Elsevier, 1981.
1981	Mitchell RE, Sarofim AF & Clomburg LA	**** Experimental and numerical investigation of confined laminar diffusion flames	Published in Combustion and Flame 37, pp 227-244 1980
1981	Abdelmeguid AM, Goh SY, Ilegbusi J & Spalding DB	Predictions of complex turbulent flows using the PHOENICS computer code.	Proceedings of AFOSR/HTTM Stanford Conference on Complex Turbulent Flows, 1981.
1981	Hirt CW & Nichols BD	*** Volume of fluid (VOF) method for the dynamics of free boundaries.	Journal of Computational Physics 39, 210-225, 1981
1981	Spalding DB.	Numerical computation of two-phase flow in gun barrels.	US Army Workshop on Multiphase Flows, Editor: D.A Drew pp 227-242, 1981.