

## CONFERENCE DIARY

*3–6 April, 1989: Torino, Italy*

**EUROMECH 246—HYPERSONIC AERODYNAMICS OF SPACECRAFT.** *Details:* Prof. N. Bellomo, Dipartimento di Torino, Corso Duca degli Abruzzi, 24, 10129 Torino, Italy.

*3–7 April, 1989: University of Alabama in Huntsville, USA*

**7TH INTL CONF ON FINITE ELEMENT METHODS IN FLOW PROBLEMS.** *Details:* Crystal R. Strange, Conference Secretariat (FEMIF7), Dept. of Mechanical Engineering, University of Alabama in Huntsville, Huntsville, AL 35899, USA.

*6–7 April, 1989: Parma, Italy*

**COMPUTER MODELLING IN CRYSTAL GROWTH FROM THE MELT.** *Details:* Dr. Georg Muller, Institut fur Werkstoffwissenschaften 6, Universitat Erlangen Nurnberg, Martensstrasse 7, D-8520 Erlangen, Germany.

*10–13 April, 1989: Cambridge, U.K.*

**EUROMECH 245—THE EFFECT OF BACKGROUND ROTATION ON FLUID MOTIONS.** *Details:* Dr. P.F. Linden, Dept. of Applied Mathematics & Theoretical Physics, University of Cambridge, Silver Street, Cambridge CB3 9EW, U.K.

*11–14 April, 1989: near Grenoble, France*

**EUROMECH 248—NON-LINEAR SOIL – STRUCTURE INTERACTION.** *Details:* Prof. M. Boulon, Institut de Mecanique de Grenoble, B.P. 53 X, 38041 Grenoble Cedex, France.

*8–11 May, 1989: Niagara Falls, Canada*

**NUMERICAL MODELS IN GEOMECHANICS—NUMOG III.** *Details:* Dr. G.N. Pande, Dept. of Civil Engineering, University College of Swansea, Singleton Park, Swansea SA2 8PP, UK.

*17–19 May, 1989: INRIA Sophia – Antipolis Antibes, France*

**JOINT GAMNI/SMAI – IMA CONF ON COMPUTATIONAL AERONAUTICAL FLUID DYNAMICS.** *Details:* C. Juncker, INRIA Sophia – Antipolis, 06560 Valbonne, France. Tel. 93 65 7777. Telex 970050 F. Fax 93 65 7766.

*22–26 May, 1989: Madrid, Spain*

**EUROMECH 249—PLUMES AND TURBULENT JET DIFFUSION FLAMES IN THE ATMOSPHERE.** *Details:* Prof. A. Crespo, Universidad Politecnica, Mecanica de Fluidos, E.T.S.I. Industriales, Jose Gutierrez Abascal, 2 Madrid (6), Spain.

*23–26 May, 1989: Capri, Italy*

**CNEM 89—COMPUTATIONAL METHODS AND EXPERIMENTAL MEASUREMENTS.** *Details:* Liz Newman, Conf. Sec., Computational Mechanics Institute, Ashurst Lodge, Ashurst, Southampton, SO4 2AA, UK. Tel. (042129) 3223. Telex 47388 Attn COMPMECH. Fax (042129) 2853.

*28 May–2 June, 1989: Ottawa, Canada*

**12TH CANADIAN CONGRESS OF APPLIED MECHANICS—CANCAM 89.** *Details:* Secretary, CANCAM 89, Dept. of Civil Engineering, Carleton University, Ottawa, Ontario, Canada D1S 5B6. Telephone (613) 564-6768.

*29–31 May, 1989: University of Ottawa, Canada*

**CONSTITUTIVE LAWS OF PLASTIC DEFORMATION AND FRACTURE.** *Details:* Mr. K. Charbonneau, Conf. Secretariat, National Research Council Canada, Rm E116, Bld.M-58, Montreal Road, Ottawa, Ontario, Canada K1A 0R6.

*6–8 June, 1989: Windsor, Canada*

**BETECH 89—BOUNDARY ELEMENT TECHNOLOGY.** *Details:* Liz Newman, Conf. Sec., Computational Mechanics Institute, Ashurst Lodge, Ashurst, Southampton SO4 2AA, UK. Tel. (042129) 3223. Telex 47388 Attn. COMPMECH. Fax (042129) 2853

19–23 June, 1989: Lisbon, Portugal

**INTL SYMPOSIUM ON INTEGRATED APPROACHES TO WATER POLLUTION PROBLEMS (SISIPPA 89).** *Details:* J. Bau, Chairman of the Organising Committee of SISIPPA 89, APRH - c/o LNEC, Av. do Brasil, 101, 1799 Lisboa Codex, Portugal. Tel. (351 1) 882131. Telex 16760 LNEC P. Fax. (351 1) 897698.

19–23 June, 1989: Como, Italy

**EUROMECH 250—NON-LINEAR STRUCTURAL SYSTEMS UNDER RANDOM CONDITIONS.** *Details:* Prof. Fabio Casciati, Dipartimento di Meccanica Strutturale, Universita di Pavia, Via Abbiategrasso 211, 27100 Pavia, Italy.

20–23 June, 1989: Southampton, UK

**OPTI 89—COMPUTER AIDED OPTIMUM DESIGN OF STRUCTURES.** *Details:* Audrey Lampard, Conf. Sec., Computational Mechanics Institute, Ashurst Lodge, Ashurst, Southampton SO4 2AA, UK. Tel. (042129) 3223. Telex 47388 Attn. COMPMECH. Fax (042129) 2853.

27–30 June, 1989: University of Dundee, Scotland

**13TH BIENNIAL CONF ON NUMERICAL ANALYSIS.** *Details:* The Organising Secretaries, Numerical Analysis Conference, Dept, of Mathematics & Computer Science, The University, Dundee, DD1 4HN, Scotland, UK. Tel. 0382–23181 ext.4467/4468/4471/4474.

28 June–1 July, 1989: Gottingen, Germany

**EUROMECH 247—VORTEX INTERACTION NOISE.** *Details:* Priv.-Doz. Dr. G.E.A. Meier, Max-Planck-Institut fur Stromungsforschung, Bunsenstrasse 10, 3400 Gottingen, Germany.

July, 1989: La Jolla, California

**FORUM ON CHAOTIC DYNAMICS IN FLUID MECHANICS. ASME FLUIDS ENGINEERING SPRING CONF.** *Details:* Prof. K.N. Ghia, Mail Location 70, Dept. of Aerospace Engineering and Engineering Mechanics, University of Cincinnati, Cincinnati, Ohio 45221, USA. Tel. (513) 556-3243.

3–7 July, 1989: Swansea, UK

**6TH INTL CONF ON NUMERICAL METHODS FOR THERMAL PROBLEMS.** *Details:* Prof. R.W. Lewis, Institute of Numerical Methods in Engineering, University College of Swansea, Singleton Park, Swansea SA2 8PP, UK.

10–12 July, 1989: Brisbane, Australia

**INTL CONF ON COMPUTATIONAL TECHNIQUES AND APPLICATIONS, CTAC-89.** *Details:* Dr. W.L. Hogarth, Division of Australian Environmental Studies, Griffith University, Nathan, Queensland, Australia 4111. Tel. (07) 275 7260.

11–13 July, 1989: Cambridge, Massachusetts, USA

**SUSI 89—STRUCTURES UNDER SHOCK AND IMPACT.** *Details:* Audrey Lampard, Conf. Sec., Computational Mechanics Institute, Ashurst Lodge, Ashurst, Southampton SO4 2AA, UK. Tel. (042129) 3223. Telex 47388 Attn COMPMECH. Fax (042129) 2853.

11–14 July, 1989: Trinity College, Dublin, Ireland

**NASECODE VI—6TH INTL CONF ON NUMERICAL ANALYSIS OF SEMICONDUCTOR DEVICES AND INTEGRATED CIRCUITS.** *Details:* NASECODE Conference, INCA, P O Box 2, Dun Laoghaire, Ireland.

11–15 July, 1989: Swansea, UK

**6TH INTL CONF ON NUMERICAL METHODS IN LAMINAR AND TURBULENT FLOW.** *Details:* Prof. C. Taylor, Dept. of Civil Engineering, University College of Swansea, Singleton Park, Swansea SA2 8PP, UK.

12–14 July, 1989: University of Technology, Loughborough, UK.

**ROBOTICS: APPLIED MATHEMATICS AND COMPUTATIONAL ASPECTS.** *Details:* Shirley Wardle, Conf.

Officer, Institute of Mathematics and its Applications, Maitland House, Warrior Square, Southend-on-Sea, Essex SS1 2JY, UK.

23–26 July, 1989: University of Wyoming, USA.

**UPCAEDM '89—7TH ANNUAL CONF ON UNIVERSITY PROGRAMS IN COMPUTER AIDED ENGINEERING DESIGN AND MANUFACTURING.** *Details:* Prof. Ken P. Chong, College of Engineering, Box 3295, University Station, University of Wyoming, Laramie, WY 82071, USA. Tel. 703-766-6141.

2–4 August, 1989: Massachusetts Institute of Technology, USA

**NONLINEAR FINITE ELEMENT ANALYSIS AND ADINA.** *Details:* Prof. K.J. Bathe, Rm. 3–356, Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, MA 02139, USA.

14–18 August, 1989: Anaheim, California, USA

**10TH INTL CONF ON STRUCTURAL MECHANICS IN REACTOR TECHNOLOGY.** *Details:* Asadour H. Hadjian, General Chairman, SMiRT 10, Bechtel Western Power Company, P O Box 60860, Terminal Annex, Los Angeles, CA 90060, USA. Tel. (213) 807-3817, Fax. (213) 807 3444. Telex 677330

21–25 August, 1989: Beijing, China

**ICAM—INTL CONGRESS OF APPLIED MECHANICS.** *Details:* Prof. Mei Fengxiang, Secretary ICAM 1989, Dept. of Applied Mechanics, Beijing Institute of Technology, P O Box 327, Beijing, People's Republic of China.

29 August–1 September, 1989: Glasgow, U.K.

**EUROMECH 252—BIFURCATION PHENOMENA IN SOLIDS.** *Details:* Prof. R.W. Ogden, Dept. of Mathematics, University of Glasgow, Glasgow G12 8QW, U.K.

30 August–1 September, 1989: Uxbridge, U.K.

**EUROMECH 253—CONCENTRATION FLUCTUATIONS IN TURBULENT DIFFUSION.** *Details:* Prof. A. Chatwin, Dept. of Mathematics & Statistics, Brunel University, Uxbridge, Middlesex UB8 3PH, U.K.

30 August–2 September, 1989: Jablonna, Poland

**EUROMECH 254—TRANSITION LAYERS IN GASES: KINETIC THEORY AND EXPERIMENTS.** *Details:* Prof. A. Palczewski, Institute of Applied Mathematics & Mechanics, University of Warsaw, 00-901 Warsaw, Poland.

September, 1989: Krakow, Poland

**EUROMECH 251—APPLICATIONS OF CONTINUUM DAMAGE MECHANICS.** *Details:* Prof. M. Chrzanowski, Politechnika Krakowska, ul. Warszawska 24, 31-155 Krakow, Poland.

5–7 September, 1989: Southampton University, UK.

**ASE 89—INTL CONF ON APPLICATIONS OF SUPERCOMPUTERS IN ENGINEERING.** *Details:* Liz Newman, Conference Secretary, Computational Mechanics Institute, Ashurst Lodge, Ashurst, Southampton, UK.

5–8 September, 1989: Marseille, France

**EUROMECH 257—MECHANICAL EFFECTS INDUCED BY A LASER.** *Details:* Dr. M. Autric, Institute of Fluid Mechanics, Laser-Matter Interaction Group, Universite d'Aix-Marseille II, 1 Rue Honnorat, 13003 Marseille, France.

11–14 September, 1989: Las Vegas, USA

**1ST INTL MACHINERY MONITORING & DIAGNOSTIC CONF.** *Details:* Dominick J. DeMichele, IMMDC, Union College, Graduate & Continuing Studies, Wells House, 1 Union Avenue, Schenectady, NY 12308-2363, USA.

11–15 September, 1989: Lausanne, Switzerland

**5TH INTL SYMP ON NUMERICAL METHODS IN ENGINEERING.** *Details:* Sauro Nicli, Secretary of the Symposium, GASOC/EPFL, Ecole Polytechnique Federal de Lausanne, CH-1015 Ecublens, Switzerland. Tel. (41) 21.47.22.11.

11–15 September, 1989: Madrid, Spain

**10 YEARS OF PROGRESS IN SHELL AND SPATIAL STRUCTURES. 30 ANNIVERSARY OF IASS.** *Details:* Congreso de la IASS, Cedex-Laboratorio Central de Estructuras de Materiales, Alfonso XII-3, 28014 Madrid, Spain.

18–22 September, 1989: Barcelona, Spain

**COMPLAS II—2ND INTL CONF ON COMPUTATIONAL PLASTICITY. MODELS, SOFTWARE AND APPLICATIONS.** *Details:* Prof. E. Onate, Escuela T.S. Ingenieros de Caminos, Jordi Girona Salgado 31, 08034 Barcelona, Spain. Tel. 34-3-2048252.

19–21 September, 1989: London, UK

**4TH INTL CONF ON CIVIL AND STRUCTURAL ENGINEERING COMPUTING.** *Details:* Civil-Comp Press, 10 Saxe-Coburg Place, Edinburgh, EH3 5BR, UK.

20–22 September, 1989: London, UK

**THE APPLICATION OF ARTIFICIAL INTELLIGENCE TECHNIQUES TO CIVIL AND STRUCTURAL ENGINEERING.** *Details:* Civil-Comp Press, 10 Saxe-Coburg Place, Edinburgh, EH3 5BR, UK.

25–28 September, 1989: Tallinn, Estonia, USSR

**EUROMECH 256—NON-DESTRUCTIVE THREE-DIMENSIONAL EXPERIMENTAL STRESS ANALYSIS.** *Details:* Dr. H. Aben, Institute of Cybernetics, Estonian Academy of Sciences, Akadeemia tee 21, 200108 Tallinn, Estonia, USSR.

27–29 September, 1989: Delft University of Technology, The Netherlands

**EIGHTH GAMM CONF ON NUMERICAL METHODS IN FLUID MECHANICS.** *Details:* Delft University of Technology, Congress Office/Mrs. M.H.P. Komen-Zimmerman, Stevinweg 1, 2628 CN Delft, The Netherlands. Tel. (15) 78 13 40, Fax (15) 78 18 55, Telex 38151 butud nl.

October, 1989: Hamburg, Germany

**EUROMECH 258—THE TIME-DEPENDENT BEHAVIOUR OF ICE.** *Details:* Prof. O. Mahrenholz, Technische Universitat Hamburg-Harburg, Eissendorger Strasse 38, 2100 Hamburg 90, Germany.

9–14 October, 1989: Cargese, Corsica, France

**EUROMECH 259—BIO-MECHANICAL TRANSPORT PROCESSES.** *Details:* Prof. F. Mosora, Universite de Liege, Institut de Physique B5, 4000 Sart-Tilman, Belgium.

26–28 October, 1989: Austin, Texas

**WORKSHOP ON RELIABILITY IN COMPUTATIONAL MECHANICS.** *Details:* Prof. J. Tinsley Oden, Director, TICOM, WRW 305, College of Engineering, University of Texas at Austin, Austin, Texas 78712-1085, USA.

31 October–2 November, 1989: Paderborn, Germany

**EUROMECH 255—THERMAL EFFECTS IN FRACTURE OF MULTIPHASE MATERIALS.** *Details:* Prof. Dr. K.P. Herrmann, Laboratorium fur Technische Mechanik, Paderborn University, Pohlweg 47–49, 4790 Paderborn, Germany.

4–7 December, 1989: New Delhi, India

**ICENSOFT-89—INTL CONF ON ENGINEERING.** *Details:* Prof. C.V. Ramakrishnan/Prof. A. Varadarajan, International Conference on Engineering Software, Indian Institute of Technology, New Delhi 110016, India.

5–8 December, 1989: Prague

**ENGINEERING AERO-HYDROELASTICITY.** *Details:* Mrs. Irena Vostrakova, EAHE Conference, 31600 Plzen, Czechoslovakia. Tel. 0042019/215 ext.2506. Telex 154247 skpl c

10–15 December, 1989: San Francisco, USA.

**INTL SYMPOSIUM ON WAVE PROPAGATION IN GRANULAR MEDIA. ASME WINTER ANNUAL MEETING.** *Details:* Dimitrios Karamanlidis, University of Rhode Island, Civil Engineering Department, Bliss Hall, Kingston, RI 02881, USA. Tel. (401) 792-2783.

10–15 December, 1989: San Francisco, USA

**INTL SYMP ON NUMERICAL METHODS IN ACOUSTIC RADIATION—1989 ASME WINTER ANNUAL MEETING.** *Details:* Prof. R.J. Bernhard, Ray W. Herrick Laboratories, School of Mechanical Engineering, Purdue University, West Lafayette, IN 47907, USA.

*8–11 January, 1990: Swansea, UK*

**NUMETA 90—NUMERICAL METHODS IN ENGINEERING: THEORY & APPLICATIONS.** *Details:* Dr. J. Middleton/Dr. G. Pande, Dept. of Civil Engineering, University College of Swansea, Singleton Park, Swansea SA2 8PP, U.K.

*6–10 August, 1990: Amsterdam, The Netherlands*

**6TH INTL CONGRESS OF THE INTL ASSOCIATION OF ENGINEERING GEOLOGY.** *Details:* Dr. H. Beijer, Secretary-General, IAEG/AIGI, Geological Survey of The Netherlands, P O Box 157, 2000 AD Haarlem, The Netherlands.

*27–31 August, 1990: Stuttgart, Germany*

**SECOND WORLD CONGRESS ON COMPUTATIONAL MECHANICS—WCCM.** *Details:* Conference Secretariate, Institute for Computer Applications, Pfaffenwaldring 27, D–7000 Stuttgart 80, Germany. Tel. (0711) 685 3593, Telex UNIV 7255445, Fax (0711) 685 3500.