

ANNOUNCEMENT

EUROMECH MEETINGS IN 1994

On 3 April 1993, the European Mechanics Council adopted Statutes and Procedures to effect its transformation into

EUROMECH—European Mechanics Society.

The members of the Council for 1993 declared themselves to be the founding members. Between 3 April 1993 and 1 January 1995, the existing Council will function as the Interim Council of the Society, with D. G. Crighton (University of Cambridge, presently Chairman) as President, B. Lundberg (Uppsala University, presently Secretary) as Secretary-General and E.-A. Müller (Georg August University, Göttingen) as Treasurer. Members of the Council under the new Statutes will enter into office on 1 January 1995 following elections to be held in 1994.

The Council has overall responsibility for Euromech Colloquia and Euromech Conferences. The latter presently comprise the European Solid Mechanics Conference, the European Fluid Mechanics Conference, the European Turbulence Conference and the European Nonlinear Oscillations Conference.

Euromech Colloquia are informal meetings on specialized research topics. Participation is restricted to a small number of European research workers actively engaged in the field of each Colloquium. The organization of each Colloquium, including the selection of participants for invitation, is entrusted to a Chairman. Proceedings are not normally published. Those who are interested in taking part in a Colloquium should write to the appropriate Chairman. Euromech Number, Title, Chairmen, Dates and Location for the Euromech Colloquia in 1994 are given below.

315. *Efficient numerical methods and parallel computing in fluid mechanics*

Professor F. Durst, Lehrstuhl für Strömungsmechanik, Universität, Erlangen-Nürnberg, Cauerstrasse 4, D-91058 Erlangen, Germany

Professor C. Zenger, Munich

7-9 March 1994, Erlangen, Germany

316. *Advanced techniques in structural acoustics*

Dr G. R. Wickham, Department of Mathematics, University of Manchester, Oxford Road, Manchester M13 9PL, U.K.

Dr I. D. Abrahams, Manchester

11-14 April 1994, Manchester, U.K.

317. *Buckling strength of imperfection-sensitive shells*

Professor G. D. Galletly, University of Liverpool, P.O. Box 147, Liverpool L69 3BX, U.K.

Professor J. Arbocz, Delft

21-23 March 1994, Liverpool, U.K.

318. *Stability and vibrations of mechatronic systems*

Dr L. Pust, Institute of Thermomechanics, Academy of Sciences of the Czech Republic, Dolejskova 5, 182 00 Prague 8, Czech Republic

Professor M. Hiller, Duisburg

1-3 June 1994, Prague, Czech Republic

319. *Theoretical and experimental aspects of particle-laden flows*
Dr Ü. Rudi, Institute of Energy Research, Estonian Academy of Sciences, Palkiski 1, Tallinn E00001, Estonia
Professor F. Durst, Erlangen-Nürnberg
17–20 May 1994, Tallinn, Estonia

320. *Multibody systems: Advanced algorithms and software tools*
Professor M. Valasek, Department of Mechanics, Faculty of Mechanical Engineering, Czech Technical University in Prague, Karlovo nam. 13, 121 35 Praha 2, Czech Republic
Professor W. Schiehlen, Stuttgart
6–8 June 1994, Prague, Czech Republic

321. *Microstructure and phase transitions in solids*
Professor C. Davini, Ist. Meccanica Teorica ed Applicata, Università di Udine, Via delle Scienze, 208, I-33100 Udine, Italy
Professor M. Pitteri, Padova
23–27 May 1994, Udine, Italy

322. *Cracks in coated and layered materials*
Dr P. Ståhle, School of Engineering, Uppsala University, Box 534, S-751 21 Uppsala, Sweden
Professor G. I. Barenblatt, Cambridge
22–23 June 1994, Riksgränsen (north of Arctic Circle), Sweden

323. *Reaction-diffusion phenomena in physical and chemical systems*
Dr D. J. Needham, School of Mathematics, University of East Anglia, Norwich NR4 7TJ, U.K.
Professor J. H. Merkin, Leeds
4–7 July 1994, University of East Anglia, U.K.

324. *The combustion of drops, sprays and aerosols*
Dr G. Searby, Laboratoire de Recherche en Combustion, Faculté des Sciences de St Jérôme, Service 252, Avenue Escadrille Normandie Nieman, F-13397 Marseille Cédex 20, France
25–27 July 1994, Marseille, France

325. *Bifurcation and chaos in solid and structural dynamics*
Professor G. Rega, Dipartimento di Ingegneria delle Strutture, Acque e Terreno, Università dell'Aquila, Monteluco Roio, I-67040 L'Aquila, Italy
Professor F. R. Pfeiffer, Munich
19–23 September 1994, L'Aquila, Italy

326. *Experiment and macroscopic theory in crack propagation*
Professor A. Neimitz, Kielce University of Technology, Al. 1000 Lecia P.P. 7, 25-314 Kielce, Poland
Professor J. F. Kalthoff, Bochum
25–28 September 1994, Kielce, Poland

327. *Effects of organized vortex motion on heat and mass transfer*
Dr N. F. Yurchenko, Institute of Hydromechanics, Ukrainian Academy of Sciences, 8/4 Zheliabova, Kiev 252057, Ukraine
Professor H. Peerhossaini, Nantes
24–26 August 1994, Black Sea (on board a research vessel), Ukraine

328. *Management and active control of turbulent shear flows*
Professor H. H. Fernholz, Hermann-Föttinger-Institute, Technical University of Berlin, Straße des 17. Juni 135, 10623 Berlin, Germany
Professor H. E. Fiedler, Berlin
4–6 October 1994, Berlin, Germany

Euromech Conferences are broad in scientific scope. They are open to all those interested and are expected to have a number of participants between 150 and 600. The general

purpose is to provide opportunities for scientists and engineers from all parts of Europe to meet and discuss current research. The responsibility for each series of Conferences is delegated to a Standing Committee. The detailed organizational work is carried out by Local Organizing Committees (LOC). Those who are interested in taking part in one of the Conferences should write to the Chairman or Secretary of the appropriate LOC. Information about the Euromech Conferences in 1994 is given below.

5th European Turbulence Conference

Professor R. Benzi, Chairman, Dipartimento di Fisica, Il Università di Roma, Via della Ricerca Scientifica, 1, I-00133 Roma, Italy
5–8 July 1994, Sienna, Italy

2nd European Solid Mechanics Conference

Professor A. del Grosso, Chairman, Istituto di Scienza delle Costruzioni, Università di Genova, Via Montallegro 1, I-16145 Genova, Italy
12–16 September 1994, Genova, Italy

2nd European Fluid Mechanics Conference

Professor H. Zorski, Co-Secretary, Institute of Fundamental Technological Research, Swietokrzyska 21, 00-049 Warsaw, Poland
20–24 September 1994, Warsaw, Poland