

## ANNOUNCEMENTS

## EUROPEAN MECHANICS SOCIETY—EUROMECH MEETINGS 1995

The EUROMECH Council has overall responsibility for EUROMECH colloquia and EUROMECH conferences. The latter comprise the European Solid Mechanics Conference, the European Fluid Mechanics Conference, the European Turbulence Conference and the European Nonlinear Oscillations Conference. Fifteen colloquia, but no conference, will take place in 1995.

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. The number, title, chairman and co-chairmen, dates and location for each colloquium in 1995, and an advance notice for a colloquium in 1996, are given below.

- 329 *Methods for nonlinear stochastic structural dynamics*  
Prof. G. I. Schueller, Institute of Engineering Mechanics, University of Innsbruck,  
Technikerstrasse 13, A-6020 Innsbruck, Austria  
13–17 March 1995, Innsbruck, Austria
- 330 *Laminar/turbulent transition of boundary layers influenced by free-stream disturbances*  
Dr P. Jonás, Institute of Thermomechanics, Academy of Sciences of the Czech  
Republic, Dolejskova 5, CZ-182 00 Praha 8, Czech Republic  
Prof. F. Pittaluga, Genova  
10–12 April 1995, Prague, Czech Republic
- 331 *Flows with phase transition*  
Prof. G. E. A. Meier, Institut für Strömungsmechanik der DLR, Bunsenstrasse 10,  
D-37073 Göttingen, Germany  
Prof. G. H. Schnerr and Prof. J. Zierep, Karlsruhe  
13–16 March 1995, Göttingen, Germany
- 332 *Drag reduction*  
Prof. P. Luchini, Dipartimento di Progettazione Aeronautica, Università di Napoli  
Federico II, P. le Tecchio, I-80125 Napoli, Italy  
Dr D. Bechert, Berlin  
19–20 April 1995, Ravello (near Naples), Italy
- 333 *Ground freezing: mathematical models and applications*  
Prof. M. Primicerio, Dipartimento di Matematica “U. Dini”, Viale Morgagni 67/a,  
I-50134 Firenze, Italy  
Prof. M. Fremont, Paris  
2–4 June 1995, Montecatini, Italy
- 334 *Textile composites and textile structure*  
Prof. P. Hamelin, Laboratoire Mécanique et Matériaux, Université Lyon 1, IUT A  
Génie Civil, 43, Boulevard du 11 Novembre 1918, F-69622 Villeurbanne Cédex,  
France  
P. de Wilde, Brussels  
15–17 May 1995, Lyon, France

- 335 *Image techniques and analysis in fluid dynamics*  
 Prof. A. Cenedese, Department of Mechanics and Aeronautics, University  
 "La Sapienza", Via Eudossiana 18, I-00184 Roma, Italy  
 Prof. F. T. M. Nieuwstadt, Delft  
 5–7 June 1995, Rome, Italy
- 336 *Flows dominated by centrifugal and Coriolis forces*  
 Prof. H. Andersson, Applied Mechanics, The Norwegian Institute of Technology,  
 N-7034 Trondheim, Norway  
 21–23 June 1995, Trondheim, Norway
- 337 *Plastic flow instabilities at high rate of strain*  
 Prof. C. Fressengeas, L.P.M.M./I.S.G.M.P., Université de Metz, Ile du Saulcy,  
 F-57045 Metz Cédex 01, France  
 Dr B. Dodd, Reading  
 10–13 July 1995, Metz, France
- 338 *Atmospheric turbulence and dispersion in complex terrain*  
 Dr F. Tampieri, FISBAT CNR, Via Gobetti 101, I-40129 Bologna, Italy  
 4–6 September 1995, Bologna, Italy
- 339 *Internal waves, turbulence and mixing in stratified flows*  
 Dr C. Staquet, Ecole Normale Supérieure de Lyon, Laboratoire de Physique, 46,  
 allée d'Italie, F-69364 Lyon Cédex 07, France  
 6–8 September 1995, Lyon, France
- 340 *Statistical properties of turbulent gaseous flames*  
 Prof. D. Roekaerts, Heat Transfer Section, Faculty of Applied Physics, Delft  
 University of Technology, Lorentzweg 1, NL-2628 CJ Delft, The Netherlands  
 Dr Th. van der Meer, Delft  
 30 August–1 September 1995, Delft, The Netherlands
- 341 *Smart structures and materials*  
 Prof. J.-M. Crolet, Université de Franche-Comté, Laboratoire de Calcul Scientifique,  
 16, route de Gray, F-25030 Besançon Cédex, France  
 Professor A. Preumont, Brussels  
 26–28 September 1995, Giens (near Toulon), France
- 342 *Aerothermodynamics*  
 Dr G. Eitelberg, Aerothermodynamics Branch, Institute for Fluid Mechanics, DLR,  
 Bunsenstrasse 10, D-37073 Göttingen, Germany  
 Dr H. Legge, Göttingen and Prof. R. Brun, Marseille  
 26–29 September 1995, Göttingen, Germany
- 343 *Computerized symbolic manipulation in mechanics*  
 Prof. E. J. Kreuzer, Meerestechnik II, Technische Universität Hamburg-Harburg,  
 Eissendorfer Str. 42, D-21071 Hamburg, Germany  
 Prof. M. Lesser, Stockholm  
 9–13 October 1995, Hamburg, Germany
- 344 *Fluid–structure interactions in biomechanics (advance notice)*  
 Prof. T. J. Pedley, Department of Applied Mathematical Studies, University of Leeds,  
 Leeds LS2 9JT, England  
 April 1996, London, U.K.

EUROMECH—European Mechanics Society

President

Professor David G. Crighton

Department of Applied Mathematics and Theoretical  
 Physics

University of Cambridge

Silver Street

Cambridge CB3 9EW, U.K.

Secretary General:

Professor Bengt Lundberg

School of Engineering

Uppsala University

Box 534, S-751 21 Uppsala

Sweden

SYMPOSIUM ON RECENT DEVELOPMENTS IN THEORIES OF  
VISCOPLASTICITY

in conjunction with

IMECE (ASME Winter Annual Meeting)

12–17 November 1995

San Francisco, California, U.S.A.

During the past few years, several new theories of finite deformation viscoplasticity have been proposed and some of these have been used in large deformation computer codes. The purpose of this symposium is to provide a forum where these theories may be thoroughly discussed and predictions from them compared. It is hoped that such discussion will result in a frank assessment of strengths and weaknesses of different models and possibly suggest new avenues of research.

Papers are being solicited in all areas of finite deformation viscoplasticity. The organizers will attempt to strike a balance among experimental, theoretical and numerical work.

One-page abstracts typed single-spaced on white 8.5 by 11 inch bond paper with 1.25 inch margins on all four sides are due by 1 March 1995. The authors' names, affiliations, and complete addresses should follow a brief title. Full length papers will be published in a book; authors of accepted papers will be requested to submit full papers by **30 June 1995**.

Send abstracts to one of the co-organizers of the symposium:

Prof. Romesh C. Batra  
Department of Engineering Science and  
Mechanics  
Virginia Polytechnic Institute and State  
University  
Blacksburg, VA 24061-0219, U.S.A.  
Tel: (703) 231 6743  
Fax: (703) 231 4574  
E-mail: rbatra@vtvml.cc.vt.edu

Dr Thomas W. Wright  
Army Research Laboratory  
Attn: AMSRL-WT  
Aberdeen Proving Ground, MD 21005,  
U.S.A.  
Tel: (410) 278 6046  
Fax: (410) 278 6952  
E-mail: tww@arl.army.mil

VI INTERNATIONAL CONFERENCE  
UNDERGROUND SPACE AND URBAN PLANNING  
EUS '95

September 1995

Paris, France

First Call for Papers

The first large-scale underground works were undertaken in Europe. These proliferated in the urban environment throughout the industrial period, their purpose being either to improve flows (e.g. of water and public transport) or to provide shelter (e.g. for storage or civil defence).

Underground urban planning has since acquired the technology to expand into the design and accomplishment of city centre developments, large-scale infrastructure projects, stations and transport networks, deep road tunnels and so forth. Advances in the technology of tunnelling and excavation, changes in the urban environment and scarcity of space have all been factors reawakening interest in underground urban planning.

In industrialized countries the economic impact of underground developments is colossal, yet developers and public authorities alike often fail to appreciate the relationships between underground urban planning and its natural and cultural setting. This is the theme of the International Conference, which follows similar events in Tokyo in 1991, in Delft in 1992 and those previously instigated by GECUS, founded in Paris in 1933.

The conference is intended to interest municipal councillors and officers and representatives from other relevant organizations, as well as policy makers, planners, developers, architects, and those engaged in research in ecology, life sciences, earth sciences, engineering, human and social sciences, law, politics and archaeology; in short, everyone engaged in the study, production, management and use of the city in all its dimensions.

Scientific coordination: André Guillerme and Sabine Barles

The address for information and submission of abstracts (300 words, deadline **31 October 1994**):

Laboratoire Théorie des Mutations Urbaines  
EUS '95  
Institut Français d'Urbanisme  
4, rue Alfred Nobel  
Cité Descartes  
F-77 420 Champs-sur-Marne  
Tel: (1) 64 68 91 62  
Fax: (1) 64 68 96 87