

EUROMECH MEETINGS IN 1997 AND 1998

The EUROMECH Council has overall responsibility for EUROMECH Colloquia and EUROMECH Conferences.

EUROMECH Colloquia

are informal meetings on specialized research topics. Participation is restricted to a small number of 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. Number, Title, Chairman or Co-chairmen, Dates and Location for each Colloquium in 1997, and preliminary information for some Colloquia in 1998, are given below.

- 357 *Material identification using mixed numerical/experimental methods*
Prof. H. Sol, Vrije Universiteit Brussel, Engineering Faculty, Department of Structural Analysis, Pleinlaan, 2, B-1050 Brussel, Belgium
E-mail: hugos@vnet3.vub.ac.be
Dr. C. W. J. Oomens, Eindhoven
7-9 April 1997, Kerkrade, The Netherlands
- 358 *Mechanical behaviour of adhesive joints: analysis, testing and design*
Prof. S. Aivazzadeh, Institut Supérieur de l'Automobile et des Transports, 49, rue Mademoiselle Bourgeois, BP 31, F-58027 Nevers Cédex, France
Prof. R. D. Adams, Bristol, Prof. A. H. Cardon, Brussel, and Prof. A. Rigolot, Paris
3-5 September 1997, Nevers, France
- 359 *Stability and transition of boundary-layer flows*
Prof. S. Wagner, Institut f. Aero- & Gasdynamik, Universität Stuttgart, Pfaffenwaldring 21, D-70550 Stuttgart, Germany
E-mail: wagner@iag.uni-stuttgart.de
Prof. L. Kleiser, Zürich
10-13 March 1997, Stuttgart, Germany

H 4-6

360. *Mechanics of sandwich structures: modelling, numerical simulation and experimental identification*
 Prof. A. Vautrin, SMS/Department of Mechanical and Materials Engineering, École des Mines de Saint-Étienne, 158, cours Fauriel, F-42023 Saint-Étienne Cédex 2, France
 E-mail: vautrin@emse.fr
 Prof. A. T. Marques, Porto
 13-15 May 1997, Saint-Étienne, France
361. *Active control of turbulent shear flows*
 Prof. H. H. Fernholz, Hermann-Föttinger-Institut, Technische Universität Berlin, Straße des 17. Juni 135, D-10623 Berlin, Germany
 E-mail: hfi@pi.tu-berlin.de
 Prof. H. E. Fiedler, Berlin
 17-19 March 1997, Berlin, Germany
362. *Structural damage and failure under intense loading*
 Prof. S. R. Reid, Department of Mechanical Engineering, UMIST, P.O. Box 88, Sackville Street, Manchester M60 1QD, UK
 E-mail: steve.reid@umist.ac.uk
 Prof. S. T. S. Al-Hassani, Manchester
 21-24 April 1997, Manchester, UK
363. *Mechanics of laser ablation*
 Dr. N. M. Bulgakova, Institute of Thermophysics SB RAN, Prosp. Lavrentyev 1, 630090 Novosibirsk, Russia
 E-mail: nbul@otani.thermo.nsk.su
 Prof. V. E. Nakoryakov, Novosibirsk, Dr. W. Marine, Marseille, and Dr. M. R. Predtechensky, Novosibirsk
 23-26 June 1997, Novosibirsk, Russia
364. *Dynamics and statistics of concentrated vortices in turbulent flows*
 Dr. S. Le Dizès, I.R.P.H.E., 12, avenue Général Leclerc, F-13003 Marseille, France
 E-mail: ledizes@marius.univ-mrs.fr
 Prof. H. K. Moffatt, Cambridge
 24-27 June 1997, Marseille, France
365. *Structural damage assessment using advanced signal processing*
 Dr. K. Worden, Department of Mechanical Engineering, University of Sheffield, Mappin Street, Sheffield S1 3JD, UK
 E-mail: keith@mr bump.shef.ac.uk
 Prof. F. Brancaloni, Pescara
 30 June - 2 July 1997, Sheffield, UK

366. *Porous media - theories and experiments*
 Prof. R. de Boer, Institute of Mechanics, FB 10, University of Essen,
 D-45117 Essen, Germany
 E-mail: rb110@bauwesen.uni-essen.de
 Prof. K. Wilmanski, Essen, and Prof. S. J. Kowalski, Poznan
 23-27 June 1997, Essen-Heidhausen, Germany
367. *Fluid mechanics of coating processes*
 Prof. P. Bourgin, Institut de Mécanique des Fluides, Université Louis
 Pasteur, 2 rue Boussingault, F-67000 Strasbourg, France
 E-mail: bourgin@imf.u-strasbg.fr
 Dr. H.-G. Wagner, Ludwigshafen
 22-24 July 1997, Strasbourg, France
368. *Biomechanics of hearing*
 Prof. W. Schiehlen, Institute B of Mechanics, University of Stuttgart,
 D-70550 Stuttgart, Germany
 E-mail: wos@mechb.uni-stuttgart.de
 Dr. A. Eiber, Stuttgart
 10-12 September 1997, Stuttgart, Germany
369. *Fluid-structure interaction in acoustics*
 Dr. A. H. P. van der Burgh, Faculty of Technical Mathematics and
 Informatics, University of Technology, P. O. Box 5031, 2600GA Delft,
 The Netherlands
 E-mail: burgh@dv.twi.tudelft.nl
 Dr. P. J. T. Filippi, Marseille
 23-26 September 1997, Delft, The Netherlands
370. *Synthesis of mechatronic systems*
 Prof. M. Hiller, Fachgebiet Mechatronik, Gerhard-Mercator-Universität-
 GH Duisburg, Lotharstr. 1, D-47057 Duisburg, Germany
 E-mail: hiller@mechatronik.uni-duisburg.de
 Prof. H. van Brussels, Leuven
 15-17 September 1997, Duisburg, Germany
371. *Efficient and reliable continuum finite elements for linear and nonlinear
 analyses*
 Prof. K. Schweizerhof, Institut für Mechanik, University Karlsruhe,
 Kaiserstr. 12, D-76128 Karlsruhe, Germany
 E-mail: gs01@rz.uni-karlsruhe.de
 Prof. E. Ramm, Stuttgart and Prof. P. Wriggers, Darmstadt
 17-19 September 1997, Bad Herrenalb (near Karlsruhe), Germany

372. *Reliability in nonlinear structural mechanics*
 Prof. J.-C. Mitteau, Institut Français de Mécanique Avancée, BP 265,
 F-63175 Aubière Cédex, France
 E-mail: mitteau@ifma.ifma.fr
 Prof. O. Ditlevsen, Lyngby
 21-24 October 1997, Clermont-Ferrand, France
373. *Modelling and control of adaptive mechanical structures*
 Prof. U. Gabbert, Otto-von-Guericke-Universität Magdeburg, Institut für
 Mechanik, Universitätsplatz 2, D-39106 Magdeburg, Germany
 E-mail: ulrich.gabbert@mb.uni-magdeburg.de
 Prof. E. Breitbach, Braunschweig
 11-13 March 1998, Magdeburg, Germany
374. *Recent computational developments in steady and unsteady naval
 hydrodynamics*
 Prof. M. Guilbaud, C.E.A.T., 43 rue de l'Aérodrome, F-86036 Poitiers Cédex,
 France
 E-mail: guilbaud@univ-poitiers.fr
 Dr. G. Delhommeau, Nantes
 April or May 1998, Poitiers, France
375. *Biology and engineering of walking*
 Prof. F. Pfeiffer, Lehrstuhl B für Mechanik, TU-München, D-80290 Munich,
 Germany
 E-mail: Pfeiffer@lbm.mw.tu-muenchen.de
 April 1998, Munich, Germany
376. *Waves in two-phase flows*
 Prof. C. F. Delale, Department of Mechanical Engineering,
 Istanbul University, Avcilar Kampusu, 34850 Avcilar, Istanbul, Turkey
 E-mail: delale@yunus.mam.tubitak.gov.tr
 Prof. D. G. Crighton, Cambridge
 April 1998, Istanbul, Turkey
377. *Stability and control of shear flows with strong
 temperature or density gradients*
 Dr. F. Marsik, Institute of Thermomechanics, Academy of Sciences of the
 Czech Republic, Dolejskova 5, CZ-182 00 Praha 8, The Czech Republic
 E-mail: MARSIK@BIVOJ.IT.CAS.CZ
 Prof. P. A. Monkewitz, Lausanne
 20-22 May 1998, Prague, The Czech Republic

EUROMECH Conferences

are broad in scientific scope. They comprise the EUROMECH Solid Mechanics Conference, the EUROMECH Fluid Mechanics Conference, the EUROMECH Turbulence Conference, the EUROMECH Nonlinear Oscillations Conference and the EUROMECH Mechanics of Materials Conference. 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 to meet and discuss current research. The responsibility for each series of Conferences is delegated to a Standing Conference Committee. The 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 Conferences in 1997 is given below.

ESMC-3 *3rd EUROMECH Solid Mechanics Conference*

Prof. B. Storåkers (Chairman) and Dr. P.-L. Larsson (Secretary)
Department of Solid Mechanics, Royal Institute of Technology
S-100 44 Stockholm, Sweden
E-mail: 3esmc@hallf.kth.se
18-22 August 1997, Stockholm, Sweden

EFMC-3 *3rd EUROMECH Fluid Mechanics Conference*

Prof. G. E. A. Meier (Chairman)
DLR-Institut für Strömungsmechanik, Bunsenstraße 10,
D-37073 Göttingen, Germany
E-mail: efmc97@msfd1.inec.gwdg.de
15-18 September 1997, Göttingen, Germany

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