

EUROMECH Meetings in 1997 and 1998

The EUROMECH Council has overall responsibility for EUROMECH Colloquia and EURO-MECH Conferences.

EUROMECH Colloquia

These 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 Brussels, 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, Brussels,
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

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, 2600 GA 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
27–29 April 1998, Poitiers, France

375. *Biology and technology of walking*
Prof. F. Pfeiffer, Lehrstuhl B für Mechanik,
TU-München, D-80290 Munich, Germany
E-mail: pfeiffer@lbm.mw.tu-muenchen.de
Prof. H. Cruse, Bielefeld
23–25 March 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

These are broad in scientific scope. They comprise the EUROMECH Solid Mechanics Conference, the EUROMECH Fluid Mechanics Conference, the EUROMECH Turbulence Confer-

ence, 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.gwdg.de
15–18 September 1997, Göttingen, Germany