



Conference Reports

EUROMECH Colloquia

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, Chairperson or Co-chairperson, Dates and Location for each Colloquium in 2001, and preliminary information for some Colloquia in 2002, are given below.

Colloquia in 2001

420. **Mechanobiology of Cells and Tissues**

Chairman: Prof. J.F. Stoltz

Angiohématologie-Hémorhéologie, LEMTA – UMR CNR 7563, Faculté de Médecine,
9 Avenue de la Forêt de Haye, 54505 Vandoeuvre-les-Nancy Cedex, France

E-mail: stoltz@hemato.u-nancy.fr

Co-chairman: Prof. Xiong Wang, CR CNRS, France

Euromech contact person: Prof. Emil J. Hopfinger

Date and location: 24–26 April, 2001, Nancy, France

421. **Strongly-Coupled Dispersed Two-Phase Flows**

Chairman: Prof. Alain Cartellier, CR CNRS, LEGI BP 53, 38041 Grenoble Cedex, France

E-mail: alain.cartellier@hmg.inpg.fr

Co-chairman: Prof. Jacques Leblond, ESPCI, Paris, France

Euromech contact person: Prof. Emil J. Hopfinger

Date and location: 3–5 September, 2001, Grenoble, France

422. **Pattern Formation by Motile Micro-Organisms and Cells**

Chairman: Dr. N.A. Hill

Department of Applied Mathematics, University of Leeds, LS2 9JT Leeds, UK

E-mail: n.a.hill@leeds.ac.uk

Co-chairman: Dr. M.A. Bees, University of Surrey, UK

Euromech contact person: Prof. Timothy J. Pedley

Date and location: 5–8 December, 2001, University of Leeds, UK

423. **Boundary-Layer Transition in Aerodynamics**

Chairman: Prof. Dr. -Ing. Siegfried Wagner

Universitaet Stuttgart, Pfaffenwaldring 21, D-70550 Stuttgart, Germany

E-mail: wagner@iag.uni-stuttgart.de

Co-chairman: Dr. -Ing. Markus Kloker, Universitaet of Stuttgart, Germany

Euromech contact person: Prof. Hans-H. Fernholz

Date and location: 2–4 April, 2001, Universitaet Stuttgart, Germany

424. Buckling Predictions of Imperfection-Sensitive Shells

Chairman: Prof. Dr. J. Arbocz

Delft University of Technology, P.O. Box 5058, 2600 GB Delft, The Netherlands

E-mail: j.arbocz@lr.tudelft.nl

Co-chairman: Prof. Dr.-Ing. W. Wunderlich, TU München, Germany

Euromech contact person: Prof. Dr. Erik Van der Giessen

Date and location: 2–5 September, 2001, Kerkrade, The Netherlands

425. Nonlinear Dynamics, Control and Condition Monitoring of Engineering Systems and Structures

Chairman: Dr. Marian Wiercigroch

Aberdeen University, Department of Engineering, Kings College, AB24 3UE Aberdeen, Scotland, UK

E-mail: m.wiercigroch@eng.abdn.ac.uk

Co-chairman: Prof. Albert A. Rodger, Aberdeen University, UK

Euromech contact person: Prof. Werner Schiehlen

Date and location: August 2001, Aberdeen, Scotland, UK

426. Swirling Flows

Chairman: Prof. Helge I. Andersson

Division of Applied Mechanics

Norwegian University of Science and Technology

N-7491 Trondheim, Norway

E-mail: helge.i.andersson@mtf.ntnu.no

Co-chairman: Prof. S.V. Alekseenko, Institute of Thermophysics, Novosibirsk, Russia

Euromech contact person: Prof. Emil J. Hopfinger

Date and location: 16–20 September, 2001, Trondheim, Norway

427. Computational Techniques and Applications in Nonlinear Dynamics of Structures and Multibody Systems

Chairman: Prof. Adnan Ibrahimbegovic

ENS – Cachan, LMT/61, Avenue du Président Wilson

94235 Cachan, France

E-mail: ai@lmt.ens-cachan.fr

Co-chairman: Prof. Werner Schiehlen, Inst. B. für Mechanik, Stuttgart, Germany

Euromech contact person: Prof. Werner Schiehlen

Date and location: 25–28 September, 2001, Paris, France

428. Transport by Coherent Structures in Environmental and Geophysical Flows

Chairman: Antonello Provenzale

Intituto di Cosmogeofisica del CNR, Corso Fiume 4

I-10133 Torino, Italy

E-mail: anto@icg.to.infn.it

Co-chairman: Andrew Hogg, University of Bristol, Bristol, UK

Euromech contact person: Prof. Paolo Blondeaux

Date and location: 26–29 September, 2001, Torino, Italy

429. Computational and Experimental Mechanics of Advanced Materials

Chairman: Prof. E.A. Werner

Lehrstuhl A für Mechanik und Christian-Doppler-Laboratorium

für Moderne Mehrphasenstähle

Technische Universität München, Boltzmannstr. 15

D-85747 Garching b. München, Germany
 E-mail: werner@lam.mw.tu-muenchen.de
 Co-chairman: Prof. H.J. Böhm, TU Wien, Austria
 Euromech contact person: Prof. Franz G. Rammerstorfer
 Date and location: 18–20 September, 2001, München, Germany

430. Formulations and Constitutive Laws for Very Large Strains

Chairman: Dr. Jiri Plešek
 Institute of Thermomechanics ASCR, Dolejskova 5
 182 00 Prague 8, Czech Republic
 E-mail: plesek@it.cas.cz
 Co-chairman: Prof. Larsgunnar Nilsson, Linköping University, Sweden
 Euromech contact person: Prof. Miloslav Okrouhlik
 Date and location: 12–14 September, 2001, Prague, Czech Republic

432. Spectral Methods and Time Schemes for Incompressible Flows in Complex Geometries

Chairman: Prof. M. Azaiez
 Institut de Mécanique des Fluides de Toulouse
 UMR 5502 CNRS, Université P. Sabatier de Toulouse
 Allées du Professor Camille Soula, F-31400 Toulouse, France
 E-mail: azaiez@imft.fr
 Co-chairman: Prof. A. Bergeon, Institute of Mechanics of Fluids, Toulouse, France
 Euromech contact person: Prof. Emil J. Hopfinger
 Date and location: September 2001, Toulouse, France

433. Dynamics of Trailing Vortices

Chairman: Prof. Wolfgang Schröder
 Aerodynamisches Institut, RWTH Aachen
 Willnerstr. zw. 5 u. 7, D-52062 Aachen, Germany
 E-mail: office@aia.rwth-aachen.de
 Co-chairman: Prof. Dieter Jacob, RWTH, Aachen, Germany
 Euromech contact person: Prof. Hans-H. Fernholz
 Date and location: October 2001, Aachen, Germany

Colloquia in 2002

431. Direct Numerical Simulation of Moving Interfaces

Chairman: Prof. Jean-Paul Caltagirone
 MASTER-ENSCPB, Avenue Pey-Berland BP 108
 F-33402 Talence, France
 E-mail: calta@lmaster.u-bordeaux.fr
 Co-chairman: Prof. Eric Arquis, MASTER-ENSCPB, Talence, France
 Euromech contact person: Prof. Emil J. Hopfinger
 Date and location: May 2002, Talence, France

434. Contact Mechanics of Coated Bodies

Chairman: Prof. Viktor M. Alexandrov
 Institute for Problems in Mechanics, Russian Academy of Sciences
 Prospekt Vernadskogo 101, building 1, 117526 Moscow, Russia
 E-mail: goryache@ipmnet.ru
 Co-chairman: Prof. J.J. Kalker, Delft University of Technology, The Netherlands

Euromech contact person: Prof. Irina Goryacheva

Date and location: May 2002, Moscow, Russia

435. Simulation of Friction and Wear in Metal Forming

Chairman. Prof. Jérôme Oudin

Industrial and Human Automatic Control and Mechanical Engineering

Le Mont Houy, University of Valenciennes

F-59313 Valenciennes Cedex 9, France

E-mail: euromech435@univ-valenciennes.fr

Co-chairman: Prof. Serge Cescotto, University of Liege, Liege, France

Euromech contact person: Prof. Jean Lemaitre

Date and location: 18–20 June, 2002, Valenciennes, France

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 Dynamics 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 Conferences in 2000 is given below.

EUROMECH Conferences in 2000

8th European Turbulence Conference

27–30 June, 2000, Barcelona, Spain

Prof. Josè Redondo (ETC8 Co-chairman)

CIMNE, C1 Campus Nord.

Universitat Politècnica de Catalunya

Gran Capitán, s/n

E-08034 Barcelona, Spain

Fax: +34 934016517

For more details access <http://bachelor.upc.es/etc8.html>

4th EUROMECH Solid Mechanics Conference

26–30 June, 2000, Metz, France

Secretariat L.P.M.M., I.S.G.M.P.

Université de Metz

Ile de Saucly

57 045 Metz Cedex 1

France

Tel.: +33 3 8731 5360

Fax: +33 3 8731 5366

E-mail: euromech@lpmm.univ-metz.fr

Webpage: www.lpmm.univ-metz.fr/euromech

4th EUROMECH Fluid Mechanics Conference

19–23 November, 2000, Eindhoven University of Technology, The Netherlands

Local Organising Committee

G.J.F. van Heijst (Chairman)

H.J.H. Clercx (Scientific Secretary)

M.E.H. van Dongen

C.C.M. Rindt

A.A. van Steenhoven

Secretarial Staff

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