



ANNOUNCEMENTS

1. FORTHCOMING MEETINGS OF THE INSTITUTE OF ACOUSTICS

All enquiries about the Institute of Acoustics should be addressed to the Secretary, Institute of Acoustics, 77A St Peter's Street, St Albans, Herts AL1 3BN, England; telephone +44 (0) 1727 848195; fax +44 (0) 1727 850553; E-mail Acoustics@clus.ulcc.ac.uk; website <http://ica.essex.ac.uk/ioa>

2. 2ND INTERNATIONAL CONFERENCE ON IDENTIFICATION IN ENGINEERING SYSTEMS, UNIVERSITY OF WALES, SWANSEA, 29–31 MARCH 1999

Parameter estimation and system identification are used extensively to obtain dynamic models of engineering systems. A large number of methods have been developed and a huge amount of experience gained in their application, particularly in control engineering and structural dynamics. Although aspects of the methods are different there is a substantial overlap in the methodology and practice used in the identification. Following the success of the first conference held in March 1996 at Swansea, this conference will provide a forum for researchers and practitioners in the art and science of identification from a range of disciplines and provide a further impetus to the cross-fertilisation of ideas in this area. Further details, including the procedure for the submission of abstracts, are available at URL: <http://www.swan.ac.uk/mecheng/ies99/>, or contact Dr. M. I. Friswell; (E-mail m.i.friswell@swansea.ac.uk; fax +44 (0) 1792 295676).

3. XVTH WORLD CONGRESS ON OCCUPATIONAL SAFETY AND HEALTH, SÃO PAULO, BRAZIL, 12–16 APRIL 1999

Information can be obtained by E-mail to xvcongresso@fundacentro.gov.br, or at the Home Page www.fundacentro.gov.br.

4. SONAR TRANSDUCERS '99, UNIVERSITY OF BIRMINGHAM, ENGLAND, 19–21 APRIL 1999

Information can be obtained from The Conference Secretary, Mr J. R. Dunn, School of Electronic and Electrical Engineering, University of Birmingham, Edgbaston, Birmingham B15 2TT, England; telephone +(0) 121 414 4326; fax +(0) 121 414 4291; E-mail j.r.dunn@bham.ac.uk

5. COLLOQUIUM ON VIBRO-ACOUSTICS AND FLOW-STRUCTURE INTERACTIONS, UNIVERSITÉ DE CORTÉ, CORSICA, 19–23 APRIL 1999

Information can be obtained from either of the co-chairmen: P. J. T. Filippi, Laboratoire de Mécanique et d'Acoustique, 31 Chemin Joseph Aiguier, 13402

Marseille CEDEX 20, France; telephone +33-(0) 4 91 16 40 68; fax +33-(0) 4 91 22 82 48; E-mail filippi@lma.cnrs-mrs.fr; A. H. D. Van der Burgh, Delft University of Technology, Faculty of Technical Mathematics and Informatics, P.O. Box 5031, 2600 GA Delft, The Netherlands; telephone +31/15/2784420; fax +31/15/2787209; E-mail burgh@dv.twi.tudelft.nl

6. AIAA/CEAS AEROACOUSTICS CONFERENCE, BELLEVUE, WA, USA, 10–12 MAY 1999

The AIAA/CEAS Aeroacoustics Conference provides an international forum for scientists and engineers from industry, government, and academia to exchange knowledge and results in areas covering all aspects of the generation, propagation, and control of vehicle noise, as well as the effect of noise on structures and individuals. The program's technical content will include theoretical, numerical, and experimental contributions. The technical session topics are: acoustic/fluid dynamic phenomena, active noise control, advanced testing techniques, community noise and metrics, computational aeroacoustics, interior noise/structural acoustics, jet aeroacoustics, loads/sonic fatigue, propeller/prop-fan noise, rotorcraft and V/STOL noise, sonic boom/propagation, turbomachinery and core noise, airframe/high-lift noise and duct acoustics. Further details about the conference and of the various topics can be found in the May 1998 issue of *Aerospace America* and also at the web site www.aiaa.org/calendar/aero99cfp.html. Inquiries can be directed to the administrative chair: Dr. Belur Shivashankara, The Boeing Company, P.O. Box 3707, MS 67-ML, Seattle, WA 98124-2207, USA, telephone +1(425)234-9551, fax +1(425)237-5247 FAX E-mail: belur.n.shivashankara@boeing.com

7. X JUBILEE SYMPOSIUM ON DYNAMICS OF STRUCTURES, RZESZÓW, POLAND, 25–26 MAY 1999

Information can be obtained from the Conference Secretariat, Department of Structural Mechanics, Rzeszów University of Technology, ul.W. Pola 2, 35-959 Rzeszów, Poland; telephone (+48-17) 854 90 27; fax (+48-17) 854 90 27; E-mail dynkon@prz.rzeszow.pl

8. EURODYN 99, THE FOURTH INTERNATIONAL CONFERENCE OF THE EUROPEAN ASSOCIATION FOR STRUCTURAL DYNAMICS, PRAGUE, 7–10 JUNE 1999

EURODYN 99 is the Fourth International Conference of the European Association for Structural Dynamics dealing with all topics (theory, experiments and applications) of dynamic behaviour of civil engineering structures and will be held in Prague, 7–10 June 1999. Contact address: EURODYN 99 Secretariat, Prof. L. Frýba or Dr. J. Náprstek, Institute of Theoretical and Applied Mechanics, Prosecká 76, CZ-19000 Prague 9, Czech Republic. World Wide Web: <http://www.itam.cas.cz/eurodyn>.

9. 1999 MECHANICS AND MATERIALS CONFERENCE, VIRGINIA POLYTECHNIC AND STATE UNIVERSITY, BLACKSBURG VA, U.S.A., 27–30 JUNE 1999

Information can be obtained from Mrs. Norma Guynn, Department of Engineering Science and Mechanics, Blacksburg, VA 24060-0104, U.S.A.; telephone +1-540-2317; fax +1-540-231-9886; E-mail nguynn@vt.edu.

10. DAMAS '99, DUBLIN, IRELAND, 28–30 JUNE 1999

This is the Third International Conference on Damage Assessment using Advanced Signal Processing Procedures, following those in Pescara (1995) and Sheffield (1997). Information can be obtained from the Conference Secretariat: Dr. M. Gilchrist, Department of Mechanical Engineering, University College Dublin, Dublin 4, Ireland; E-mail DAMAS@irsa.ie; URL <http://www.irsa.ie/DAMAS>; telephone +353-1-706 1890; fax +353-1-283 0534.

11. MOVING BOUNDARIES 99, FIFTH INTERNATIONAL CONFERENCE ON COMPUTATIONAL MODELLING OF FREE AND MOVING BOUNDARY PROBLEMS, LJUBLJANA, SLOVENIA, 30 JUNE–2 JULY 1999

Information can be obtained from Sally Radford, Conference Secretariat, Wessex Institute of Technology, Ashurst Lodge, Ashurst, Southampton, SO40 7AA, England; telephone +44(0)1703 223; fax +44(0)1703 292853; E-mail sradford@wessex.ac.uk

12. 6TH INTERNATIONAL CONGRESS ON SOUND AND VIBRATION, LYNGBY, DENMARK, 5–8 JULY 1999

The 6th International Congress on Sound and Vibration will be held on 5–8 July 1999 at the Technical University of Denmark in Lyngby, 10 km north of Copenhagen, Denmark. The third to be organized under the auspices of the International Institute of Acoustics and Vibration, it is sponsored by the IIAV and the Danish Acoustical Society. Conference topics include the following: Active noise control; Active vibration control; Aero-acoustics; Architectural acoustics; Boundary element and finite element methods; Condition monitoring and diagnostics; Damping—passive and active; Environmental community noise; Human response to sound and vibration; Inverse methods; Machinery noise and vibration control; Materials for noise and vibration control; Measurement techniques; Mechanisms of human hearing; Modal analysis; Musical acoustics; Noise control elements; Non-destructive testing; Non-linear acoustics; Non-linear vibration; Occupational noise exposure and control; Outdoor sound propagation; Scattering of sound; Signal processing; Sound intensity; Sound sources; Sound transmission; Statistical energy analysis; Structural acoustics and vibration; Structural intensity; Transportation vibration and noise; Underwater acoustics; Vibration and shock; Vibration sources and wavelet analysis. Further information may be obtained from the ICSV6 Secretariat, Department of Acoustic Technology, Technical University of Denmark, Building 352, DK-2800

Lyngby, Denmark; telephone +45 45 88 16 22; fax +45 45 88 05 77; E-mail icsv6@dat.dtu.dk; web-server <http://www.icsv6.dat.dtu.dk>

13. 3RD INTERNATIONAL CONFERENCE ON STRUCTURAL DYNAMICS MODELLING, LAKE WINDERMERE, CUMBRIA, ENGLAND, 12–14 JULY 1999

The conference is organized by Cranfield University, supported by The Royal Aeronautical Society and The Dynamics Testing Agency. Information can be obtained from Lesley Roff, Cranfield University, Cranfield, Bedford MK43 0AL, England; telephone +44(0) 1234 75176; fax +44(0) 1234 751206.

14. 22ND INTERNATIONAL SYMPOSIUM ON SHOCK WAVES (ISSW22), IMPERIAL COLLEGE, LONDON, ENGLAND, 18–23 JULY 1999

Information can be found on the Symposium's web site: <http://www.soton.ac.uk/~issw22/>

15. FORUM ON HIGH SPEED JET FLOWS V, ASME/JSME FLUIDS ENGINEERING CONFERENCE, SAN FRANCISCO, CALIFORNIA, USA, 18–23 JULY 1999

Information can be obtained from Dr G. Raman, Dynacs Inc., NASA Lewis Res. Ctr. Group, 2001 Aerospace Parkway, Brookpark OH 44142, USA; telephone +1(216)-977-1102; fax +1(216)-977-1269; E-mail ganesh.raman@lerc.nasa.gov

16. CONTACT MECHANICS 99, FOURTH CONFERENCE ON COMPUTATIONAL METHODS IN CONTACT MECHANICS, STUTTGART, GERMANY, 3–5 AUGUST 1999

Information can be obtained from Liz Kerr, Conference Co-ordinator, Wessex Institute of Technology, Ashurst Lodge, Ashurst, Southampton, SO40 7AA, England; telephone +44(0) 1703 293223; fax +44(0) 1703 292853; E-mail liz@wessex.ac.uk

17. EUROMECH 3RD EUROPEAN NON-LINEAR OSCILLATIONS CONFERENCE, COPENHAGEN (LYNGBY), DENMARK, 8–12 AUGUST 1999

Information can be obtained from Euromech, Department of Mathematical Modelling, Building 321, DTU, DK-2800 Lyngby, Denmark; telephone +45 45 25 3016 or 3094; fax +45 45 93 23 73; E-mail enoc@imm.dtu.dk; also <http://www.midit.dtu.dk> and go to line 3rd European Nonlinear Oscillations Conference.

18. THIRD INTERNATIONAL SYMPOSIUM ON CABLE DYNAMICS, TRONDHEIM, NORWAY, 17–19 AUGUST 1999

Information can be obtained from the Symposium Administrative Office: A.I.M., 31, rue Saint-Gilles, B-4000 Liège (Belgium); telephone +32 4 222 29 46; fax +32 4 222 23 88; E-mail aimulg@misc.ulg.ac.be; homepage <http://www.ulg.ac.be/cable99>

19. 3RD INTERNATIONAL CONFERENCE ON ENGINEERING AERO-HYDRO ELASTICITY, PRAGUE, 30 AUGUST-3 SEPTEMBER 1999

This time, the 3rd International Conference on Engineering Aero- and Hydroelasticity (EAHE '99) will be one of EUROMECH regional Conferences organized under the auspices of the Czech Committee of the European Mechanics (CC EUROMECH) Society. Both earlier independent Conferences EAHE '89 held in Prague and EAHE '94 arranged in Pilsen were well attended by many researchers and attracted well-known scientists from all over the world. Many participants appreciated the spirit of informality of the scientific meeting. The programme will consist of invited and contributed presentations relevant to the field of solid-fluid interactions. Sessions for contributed papers are being organized specifically on the following topics: A. General theory, state-of-art-lectures, computational and experimental techniques; B. Tubes and tube bundles, other bluff bodies; C. Vibration of pipes, plates and shells in fluid (external flow, internal flow, sloshing in tanks); D. Parts of rotating machines (turbomachine blades, bearings, seals, valves); E. means of transport (aeroplanes, ships, rockets, missiles, cars); F. Civil engineering (buildings, towers, bridges, off-shore structures); G. Biomechanics (blood or urine in body, heart valves); H. Special problems (acoustic phenomena, non-linear fluid-structure effects, combined interactions). Registered participants will receive a list of suitable Prague hotels, where accommodation can be arranged for them or, if preferred, they can make their own arrangements. Inexpensive accommodation, e.g., in a youth hostel, can also be arranged. Accommodation is not included in the registration fee. Further information can be obtained from the EAHE Conference Secretariat, Institute of Thermomechanics, Academy of Sciences of the Czech Republic, Dolejškova 5, 182 00 Prague 8, Czech Republic. Telephone +420/2/6885158, +420/2/66052021; fax +420/2/8584695; E-mail eahe@it.cas.cz; Internet: <http://www.it.cas.cz/eahe/>

20. INTERNATIONAL CONFERENCE ON THE INTEGRATION OF DYNAMICS, MONITORING AND CONTROL, MANCHESTER, ENGLAND, 1-3 SEPTEMBER 1999

Information can be obtained from Dr Andrew Starr, Conference Secretary DYMACH '99, Manchester School of Engineering, University of Manchester, Oxford Road, Manchester M13 9PL, England; telephone (+44) 161 275 4302; fax (+44) 161 275 4346; E-mail andrew.starr@man.ac.uk

21. ISNA-15: INTERNATIONAL SYMPOSIUM ON NONLINEAR ACOUSTICS, GÖTTINGEN, GERMANY, 1-4 SEPTEMBER 1999

The Symposium will include invited and contributed papers on the following general topics: Propagation of finite amplitude sound waves; Interaction of finite amplitude sound with particles and boundaries; Cavitation and sonoluminescence; Thermoacoustics, acoustic streaming, Bjerknes forces; Industrial and medical applications of nonlinear acoustics, high intensity focused ultrasound (HIFU) and lithotripsy; Sonochemistry. There will be conference proceedings. English will be the language for both the manuscripts and the oral

presentations. Information can be obtained from the Symposium Secretariat: ISNA-15, Drittes Physikalisches Institut, Universitaet Goettingen, Buergerstr. 42-44, D-37073 Goettingen, Germany; telephone +49-551-39-7713; fax +49-551-39-7720; E-mail isna@dpi.physik.uni-goettingen.de, or isna@physik3.gwdg.de; homepage <http://www.physik3.gwdg.de/isna>

22. 17TH BIENNIAL CONFERENCE ON MECHANICAL VIBRATION AND NOISE, LAS VEGAS, NEVADA, USA, 12–15 SEPTEMBER 1999

Information can be obtained from the Conference Chair, Subhash C. Sinha, 201 Ross Hall, Auburn University, Alabama, USA; telephone +(334) 844-3325; fax +(334) 844-3307; E-mail detc99@eng.auburn.edu; also see <http://www.eng.auburn.edu/vib99>

23. SECOND UK CONFERENCE ON BOUNDARY INTEGRAL METHODS, BRUNEL UNIVERSITY, UXBRIDGE, MIDDLESEX, ENGLAND, 13–14 SEPTEMBER 1999

Information can be obtained from either Professor Luiz Wrobel, Department of Mechanical Engineering, Brunel University, Uxbridge UB8 3PH, Middlesex; telephone +44(0)1895 274000 extn 2907; fax +44(0)1895 253692; E-mail l Luiz.wrobel@brunel.ac.uk or Dr Simon Chandler-Wilde, Department of Mathematics and Statistics, Brunel University, Uxbridge UB8 3PH, Middlesex, England; telephone +44(0)1895 274000 extn 2283; fax +44(0)1895 203303; E-mail simon.chandler-wilde@brunel.ac.uk

24. EUROMECH COLLOQUIUM 404: ADVANCES IN COMPUTATIONAL MULTIBODY DYNAMICS, INSTITUTO SUPERIOR TÉCNICO, LISBOA, PORTUGAL, 20–23 SEPTEMBER 1999

Information can be obtained from Prof. Jorge A. C. Ambrósio, IDMEC/ Instituto Superior Técnico, Av. Rovisco Pais, 1, 1096 Lisboa, Portugal; telephone +351 1841 7680; fax +351 1841 7915; E-mail jorge@lemac.ist.utl.pt; see also <http://www.lemac.ist.utl.pt/~EUROMECH>.

25. FOURTH INTERNATIONAL CONFERENCE ON VIBRATION PROBLEMS, JADAVPUR UNIVERSITY, CALCUTTA, INDIA, 27–30 NOVEMBER 1999

Conference topics include the following: Non-linear dynamic analysis of structures; Vibrations of beams, plates and shells; Vibrations due to thermal and mechanical loading; Shock-induced vibrations; Random vibrations; Buckling and post-buckling behaviour; Acoustics and vibration problems of physics; Vibration problems in biomedical engineering; Structural dynamics and extreme load analysis, Elastic waves and seismic response; Elastic–plastic behaviour of materials; Computational and numerical methods applicable to vibration problems; Vibration problems associated with nuclear structures; Nuclear and power engineering; Recent developments in related topics. Further information can be obtained from Dr M. M. Banerjee (Co-Chairman), ICOVP, Secretariat, Department of Mathematics, A.C. College, Jalpaiguri-735 101, W.B., India; telephone +91 3561 23629/22107; fax +91 3561 23149.

26. A-PVC '99, SINGAPORE, 13–15 DECEMBER 1999

This conference continues the series of biennial Asia–Pacific Vibration Conferences which began in 1985. The Conference will be broadly classified under the following categories: Analytical and computational methods; Bio-medical applications; Damping; Dynamics of machines, structures and robots; Dynamics of plant structures and systems; Effects of noise and vibration; Experimental modal analysis; Impact dynamics; Industrial noise and vibration; Machine condition monitoring; Noise sources and control elements; Nonlinear vibration and chaos; Rotor dynamics and turbomachinery; Vehicle dynamics and control; Vibration isolation and reduction; Vibration control; Other related topics. The deadline for submission of abstracts is 30 April 1999. Information can be obtained from the A-PVC '99 Secretariat: Attn. Ms Merlin Toh, A-PVC '99 Secretariat, Nanyang Technological University, Conference Management Centre, Administration Annex #04-06, Nanyang Avenue, 639798 Singapore; telephone (65) 790-4723; fax (65) 793-0997; E-mail APVC99@ntu.edu.sg; homepage <http://www.ntu.edu.sg/mpe/apvc99>

27. SACAM 2000, INTERNATIONAL CONFERENCE ON APPLIED MECHANICS, DURBAN, SOUTH AFRICA, 11–13 JANUARY 2000

Information can be obtained from Professor S. Adali, Department of Mechanical Engineering, University of Natal, Durban 4041, South Africa; telephone +27 31 260 3203; fax +27 31 260 3217; E-mail adali@eng.und.ac.za; see also <http://www.und.ac.za/und/mech/conference.html>

28. 9TH NORDIC SYMPOSIUM ON TRIBOLOGY—NORDTRIB 2000, PORVOO, FINLAND, 11–14 JUNE 2000

Contact person: Mr Peter Andersson, VTT Manufacturing Technology, P.O. Box 1702, FIN-02044 VTT, Finland; telephone +358 9 456 5387; fax +358 9 460 627; e-mail Peter.Andersson@vtt.fi

29. 7TH INTERNATIONAL CONGRESS ON SOUND AND VIBRATION, GARMISCH-PARTENKIRCHEN, GERMANY, 4–7 JULY 2000

The International Institute of Acoustics and Vibration, IIAV, will hold its Seventh International Congress on Sound and Vibration, ICSV7, on 4–7 July, 2000 in Garmisch-Partenkirchen, Germany. Contact: Hanno Heller, DLR-Institut für Entwurfsaerodynamik, Lilienthalplatz 7, D-38108 Braunschweig, Germany; Fax +49 (0) 531 295 2320, e-mail Hanno.Heller@dlr.de; Web <http://www.iiav.org/icsv7.html>

30. 7TH INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN STRUCTURAL DYNAMICS, ISVR, UNIVERSITY OF SOUTHAMPTON, ENGLAND, 22–25 JULY 2000

Information can be obtained from Dr N. S. Ferguson, ISVR, University of Southampton, Southampton SO17 1BJ, England; fax +44 (0) 1703 593190; E-mail nsf@isvr.soton.ac.uk

31. INTER-NOISE 2000, NICE, FRANCE, 28–30 AUGUST 2000

This is the 29th International Congress on Noise Control Engineering to be sponsored by the International Institute of Noise Control Engineering. A major topic for discussion will be Transport and Community Noise. Information can be obtained from the Congress Secretariat: INTER-NOISE 2000, INRETS LEN, 25 avenue François Mitterand, Case 24, 69675 Bron Cedex France; telephone +33 (0) 4 72 14 23 00; fax +33 (0) 4 72 37 68 37; E-mail internoise2000@inrets.fr; homepage <http://www.inrets.fr/services/manif>

32. EUROMECH MEETINGS IN 1999 AND 2000

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. The Number, Title, Chairman or Co-chairmen, Dates and Location for each Colloquium in 1999, and preliminary information for some Colloquia in 2000, are as follows: 389. Physiological Flows and Flow-Structure interactions, Prof. K. Perktold, Institute of Mathematics, Technical University, Graz, Steyrergasse 30/3, A-8010 Graz, Austria, E-mail: perktold@matd.tu-graz.ac.at, Prof. T. Kenner, Graz, April 20–24, 1999, Graz, Austria; 390. Instability, Bifurcation and Localisation in Fracture of Materials, Dr. G. Rousselier, Electricité de France, Dept. MTC, Sites des Renardieres, F-77818 Moret-sur-Loing Cédex, France, E-mail: gilles.rousselier@der.edfgdf.fr, Dr. A. Benallal, Cachan, 10–12 May 1999, Paris, France; 391. Wind Tunnel Modelling of Dispersion in Environmental Flows, Dr. Z. Janour, Institute of Thermomechanics, Dolejskova 5, CZ-18200 Prague 8, the Czech Republic, E-mail: janour@bivoj.it.cas.cz, Prof. A. Robins, Surrey, and Prof. M. Schatzmann, Hamburg, 13–15 September 1999, Prague, the Czech Republic; 392. mechanics of Railway Interfaces, Prof. R. A. Smith, University of Sheffield, Mappin Street, Sheffield, S1 3JD, England, E-mail: roderick.smith@sheffield.ac.uk, Prof. E. Andersson, Stockholm, Sweden, 25–27 March 1999, Sheffield and Derby, England; 393. Crack Initiation after Extensive Multiaxial Plastic Flow, Postponed to 2000. Reading, England; 394. Theory and Numerics of Anisotropic Materials at Finite Strains, Dr. K. Hackl, Institute for Strength of Materials, Technical University of Graz, Kopernikusgasse 24, A-8000, Graz, Austria, E-mail: hackl@euler.tu-graz.ac.at, Prof. Ch. Miehe, Prof. Ch. Celigoj, 13–16 April 1999, Graz, Austria; 395. Coastal, Estuarine and River Forms, Prof. H. J. de Vriend, University of Twente, P.O. Box 217, 7500 AE Enschede, NL, E-mail: h.j.devriend@sms.utwente.nl, Prof. P. Blondeaux, University of Genoa, Italy, May 1999, Enschede, NL; 396. Vortical Structures in Rotating and Stratified Fluids, Prof. R. Verzicco, Dipartimento di Meccanica e Aeronautica, Via Eudossiana 18, 00184, Roma, Italy, E-mail: verz-icco@orlandisun.ing.uniroma1.it,

Prof. G. J. F. van Heijst, Eindhoven, 22–25 June 1999, Cortona, Italy; 397. Impact in Mechanical System, Dr. B. Brogliato, Laboratoire d'Automatique de Grenoble, UMR CNRS-INPG 5528, ENSIEG, BP 46, Domaine Universitaire, 38402 Saint Martin d'Herès, France, E-mail: Bernard.Brogliato@lag.ensieg.inpg.fr, Prof. W. Stronge, University of Cambridge, England, 30 June–2 July 1999, Grenoble (LAG), France; 398. Fluid–Structure Interaction in Ocean Engineering, Prof. E. Kreuzer, Meerestechnik II—Mechanik, Technische Universität Hamburg-Harburg, Eissendorfer Str. 42, 21073 Hamburg, Germany, E-mail: kreuzer@tu-harburg.de, Prof. O. von Estorff, October 11–15, 1999, Hamburg, Germany; 399. Cancelled; 400. Impact and Damage Tolerance Modelling of Composite Laminates and Structures, Dr. C. Soutis, Imperial College, London SW7 2BY, England, E-mail: c.soutis@ic.ac.uk, Prof. G. A. O. Davies, U.K., Dr. Jaab Wiggeraad, the Netherlands, 26–29 September 1999, London, England; 401. Inverse Methods in Structural Dynamics, Prof. J. E. Mottershead, Dept. of Engineering, The University of Liverpool, Brownlow Street, Liverpool, L69 3GH, England, E-mail: jmotters@mechnet.liv.ac.uk, Dr. M. I. Friswell, Wales, 6–7 September 1999, Liverpool, England; 402. Micromechanics of Fracture Processes, Prof. D. Gross, Institute of Mechanics, TU Darmstadt, Hochschulstrasse 1, D-64289 Darmstadt, Germany, E-mail: gross@prandtl.mechanik.th-darmstadt.de, Prof. D. Fischer, Prof. E. van der Giessen, 24–27 October 1999, near Darmstadt, Germany; 403. Turbulence in High Speed Compressible Flows, Prof. J. P. Bonnet, Laboratoire d'études Aérodynamique, CEAT—43 route de l'Aérodrome, F-86036, Poitiers, France, E-mail: bonnet@univ-poitiers.fr, Dr. Otto Leuchter, ONERA, 2–4 November 1999, Poitiers—Futuroscope, France; 404. Advances in Computational Multibody Dynamics, Prof. Jorge A. C. Ambrósio, IDMEC—Instituto Superior Técnico, Av. Rovisco Pais 1, 1096 Lisboa, Portugal, E-mail: jorge@lemac.ist.utl.pt, Prof. W. Schiehlen, 20–23 September 1999, Lisboa, Portugal; 405. Modelling Uncertainties in Structural Analysis, Prof. P. Level, Université de Valenciennes et du Hainaut Cambrésis, Direction I.S.T.V., Le Mont Houy, BP 311, 59304 Valenciennes Cedex, France, E-mail: Pascal.Level@univ-valenciennes.fr, Prof. L. Jezequel, Lyon, France, September 1999, France; 406. Image Processing Methods in Applied Mechanics, Dr. T. Kowalewski, Polish Academy of Sciences, IPPT, PAN, Center of Mechanics, PL-00-049 Warsaw, Poland, E-mail: tomasz.kowalewski@ippt.gov.pl, Prof. W. Kosinski, Dr. J. Kompenhans, 6–8 May 1999, Warsaw, Poland; 393. Crack Initiation after Extensive Multiaxial Plastic Flow, Prof. A. G. Atkins, Dept. of Engineering, University of Reading, Reading RG6 6AY, England, E-mail: a.g.atkins@reading.ac.uk, Dr. O. Kolednik, Erich Schmid, Austrian Academy of Sciences, Loeben, Austria, Easter 2000, Reading, England; 407. Symbolical and Geometric Methods in Multibody Kinematics and Dynamics, Prof. A. Kecskeméthy, Technical University of Graz, Institute of Mechanics, Kopernikusgasse 24, A-8000, Graz, Austria, E-mail: kecskemethy@mech.tu-graz.ac.at, September 2000, Graz, Austria; 408. Interactive Dynamics of Convection and Solidification, Prof. D. S. Riley, Department of Theoretical Mechanics, University of Nottingham, University Park, Nottingham NG7 2RD,

England, E-mail: david.riley@nott.ac.uk, Dr. Ing. habil P. Ehrhard, Germany, Prof. P. H. Steen, US, March 2000; 409. Dynamics and Long-time Behavior of Railway Vehicles, Track and Substructure, Prof. K. Popp, Institute of Mechanics, University of Hannover, Appelstraße 11, D-30167 Hannover, Germany, Prof. R. Bogacz, Warsaw, Prof. Hans True, Lyngby, 6–10 March 2000, Hannover, Germany; 410. The Applications of Computer Algebra to Mechanics, Prof. M. Lesser, Royal Institute of Technology, S-100 44 Stockholm, Sweden, E-mail: mlesser@mech.kth.se, Prof. Dr. -Ing. E. Kreuzer, April/May 2000, Stockholm, Sweden: 411. 3C Stereo and Holographic PIV. Application to Turbulence Measurements, Doc. M. Trinite, Coria—UMR 6614, UNIVERSITE et INSA de Rouen, 76821 Mont Saint Aignan Cedex, E-mail: trinite@coria.fr, Dr. J. Kompenhans, Prof. M. Stanislas, 12–14 April 2000, Rouen, France. Early in 1998 the offices of President, Secretary General and Treasurer of EUROMECH were taken up by H. H. Fernholz, M. Okrouhlik and E. Hopfinger, succeeding respectively D. G. Crighton (who has become Vice-President), B. Lundberg and E.-A. Müller. The new officers' addresses are as follows: (President) Professor Hans Hermann Fernholz, Hermann-Fottinger Institut für Strömungsmechanik, Technische Universität Berlin, Strasse des 17. Juni 135, D-10623 Berlin, Germany; (Secretary General) Assoc. Professor Miloslav Okrouhlik, Institute of Thermomechanics, Dolejškova 5, CZ-18200 Prague 8, The Czech Republic; (Treasurer) Professor Emil J. Hopfinger, LEGI/IMG, Domaine Universitaire, B.P. Box 53, F-38041 Grenoble CEDEX 09, France.

33. VON KÁRMÁN INSTITUTE FOR FLUID DYNAMICS LECTURE SERIES

To encourage participation in the lecture series programme by university assistants and undergraduate students, the Institute has established a limited number of VKI Lecture Series Fellowships for participants from NATO countries which support the Institute. The recipient of a fellowship is entitled to attend the lecture series at a reduced fee. For example, the reduced fee applied to a lecture series carrying a full fee of 25 000 BF will be 12 500 BF for assistants or 1500 BF for undergraduate students. (In the latter case, meals are not included.) The request to be considered for an award must accompany the application to attend the lecture series, and the applicant must provide a recommendation from his professor. All possible alternative sources of funding should be investigated before aid is requested under this scheme, so that those most in need will benefit. Further information can be obtained from the von Kármán Institute for Fluid Dynamics Lecture Series Secretariat, Chaussée de Waterloo 72, B-1640 Rhode-Saint-Genèse, Belgium: telephone +32-2-359.96.04; fax +32-2-359.96.00.

34. CISM PROGRAMME

Detailed information concerning courses organized by the International Centre for Mechanical Sciences (CISM), Italy, can be obtained from CISM, Palazzo del Torso, Piazza Garibaldi 18, I-33100 Udine, Italy; telephone +39 (432) 294 989 or 508 251; fax +39 (432) 501 523; E-mail: cism@cc.uniud.it; <http://www.uniud.it/cism/homepage.htm>

35. ISVR SHORT COURSES AND CONFERENCES

Information on ISVR Short Courses and Conferences may be obtained from the ISVR Conference Secretary, Institute of Sound and Vibration Research, University of Southampton, Southampton SO17 1BJ, England; telephone +44 (0) 1703 592294; fax +44 (0) 1703 593190; <http://www.isvr.soton.ac.uk/courses/short>

36. EUROPEAN UNION LARGE-SCALE FACILITIES PROGRAMME: ACCESS TO LARGE SHAKING TABLES AND REACTION-WALL FACILITIES

The Commission has agreed to provide funded access for researchers to the large shaking tables and reaction-wall facility under its Training and Mobility of Researchers (TMR) Programme. Application for such access from nationals of a Member State of the Community or Associated State is now invited. Applicants (from universities, research/technical institutes or industries) with interests in research in structural engineering and dynamic testing should apply by submitting their research proposals and the likely amount of access required to ISMES or to any of the laboratories listed below for consideration by a Management Panel appointed by the Commission. Approved users will receive travel and subsistence costs from the host laboratory. The access to the facilities will be free of charge for the researchers and a contribution for the construction of test models will be supported. The Community requires the scientific interest of the proposed research and the maximum publicity of the supported access. More precise details are available from Dr G. Franchioni, Structural Dynamic Testing Laboratory—IS-MES Sp.A., Via Pastrengo, 9, 24068 Seriate (GB), Italy, telefax +39 35 302999, telephone +39 35 307612. Other Large scale Facilities include NTUA—Athens (GR), Professor P. G. Carydis, telefax +30 1 7721182, telephone +30 1 7721185; CEA—Saclay (F), Dr P. Sollogoub, telefax +33 1 69088331, telephone +33 1 69082716, ELSA—JRC Ispra (I), Dr G. Verzeletti, telefax +39 332 789049, telephone +39 332 789368, LNEC—Lisbon (P). Dr E. Carvalho, telefax +351 1 8497660, telephone +351 1 8482131, EERC—Bristol (U.K.), Professor R. T. Severn, telefax +44 117 9287783, telephone +44 117 9287708.

37. JOURNAL OF SOUND AND VIBRATION P.E. DOAK AWARD

This annual Award of £3,000 has been established by Academic Press in conjunction with the Institute of Sound and Vibration Research, University of Southampton. It is open to applicants who have applied for registration for the M.Sc. degree in Sound and Vibration Studies/Automotive Dynamics/Noise and Vibration/Audiology. Further information is available from Gioia Ghezzi at Academic Press, +44 (0) 171 424 4243, e-mail: gioia_ghezzi@harcourtbrace.com. Alternatively, contact Maureen Strickland at ISVR, +44 (0) 1703 592294, e-mail: mzs@isvr.soton.ac.uk.