

European Mechanics Colloquia 1980

Euromech Colloquia are informal conferences on specialized research topics, and participation is restricted to a small number of European research workers actively engaged in the field. Overall responsibility for Euromech Colloquia is in the hands of the European Mechanics Committee, and the organization of each Colloquium, including the selection of participants for invitation, is entrusted to a Chairman for that Colloquium. People who are interested in taking part in one of the Colloquia listed below should write to the appropriate Chairman. Further information about Euromech Colloquia generally may be obtained from either the Secretary of the European Mechanics Committee, Prof. H. H. Fernholz (Hermann-Föttinger-Institut für Thermo- u. Fluidodynamik, Technische Universität Berlin, Straße des 17. Juni 135, D 1000 Berlin 12, Germany) or the Chairman of the Committee, Prof. G. K. Batchelor (Department of Applied Mathematics and Theoretical Physics, University of Cambridge, Silver Street, Cambridge CB3 9EW, England).

| | <i>Title, date and location</i> | <i>Chairman</i> |
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| Euromech 114 | Waves and beach changes in surf zones 23-25 September 1980 Gdansk, Poland | Dr. S. R. Massel Institute of Hydroengineering Polish Academy of Sciences 80-953 Gdansk 5, Cystersow 11, Poland and Prof. M. S. Longuet-Higgins, Cambridge and Dr. B. Boczar-Karakiewicz, Gdansk |
| Euromech 125 | Rarefied flows and gas surface interactions 9-11 January 1980 Oxford, U.K. | Dr. J. K. Harvey Department of Aeronautics Imperial College Prince Consort Road London SW7 2BY, U.K. and Dr. C. L. Brundin, Oxford |
| Euromech 126 | Aerodynamic problems related to hypersonic flight 9-11 April 1980 Berlin, Germany | Professor Dr.-Ing. U. Ganzer Institut für Luft- u. Raumfahrt Technische Universität Berlin Sekt. F 2 Marchstraße 14 1000 Berlin 10, Germany |
| Euromech 127 | Wave propagation in viscoelastic media 14-18 April 1980 Taormina, Italy | Professor F. Mainardi Istituto di Fisica Università di Bologna 40126, Bologna, Italy and Prof. G. Pallotti, Bologna |

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| Euromech 128 | Stability, buckling and postbuckling behaviour; foundations and analysis 31 March-2 April 1980 Delft, The Netherlands | Professor dr.ir. P. Meijers Laboratory of Engineering Mechanics Delft University Mekelweg 2, 2628 CD Delft, The Netherlands and Prof. W. T. Koiter, Delft |
| Euromech 129 | Computation of flow around systems of airfoils 5-8 May 1980 Bulgaria | Professor L. Panov Applied Mathematics Centre, VMEI "V. I. Lenin" P.O. Box 384 1000 Sofia, Bulgaria and Professor W. J. Prosnak, Warsaw |
| Euromech 130 | Turbulent diffusion and dispersion in open channel flow 30 June-3 July 1980 Belgrade, Yugoslavia | Professor Dr. K. Hanjalić Masinski fakultet Omladinsko setaliste bb 71000 Sarajevo, Yugoslavia and Prof. Dr. S. Bruk, Belgrade and Dr. C. Maksimovic, Belgrade |
| Euromech 131 | Identification problems in structural dynamics 24-26 June 1980 Besançon, France | Professor R. Chaleat Laboratoire de Mécanique Appliquée University of Besançon La Bouloie, Route de Gray 25030 Besançon Cedex, France and Dr. G. Lallement, Besançon |
| Euromech 132 | Hot-wire, hot-film anemometry and conditional measurements 2-4 July 1980 Lyon, France | Professor G. Comte-Bellot Ecole Centrale de Lyon 36, Route de Dardilly BP 163 69130 Ecully, France and Dr. G. Charnay, Ecully and Dr. J. Sabot, Ecully |
| Euromech 133 | Statics and dynamics of granular materials 14-17 July 1980 Oxford, U.K. | Professor C. P. Wroth Department of Engineering Science Parks Road, Oxford OXI 3PJ, U.K. |
| Euromech 134 | Design against failure in solids 3-5 Sept. 1980 Lyngby, Denmark | Professor Bent Hansen Soil Mechanics Laboratory Technical University of Denmark Maglebjergvej 1 DK-2800 Lyngby, Denmark and Mr. Krebs Ovesen, Lyngby |
| Euromech 135 | Unsteady separation and reversed flow in external fluid dynamics 7-10 October 1980 Marseille, France | Dr. C. Maresca Institut de Mécanique des Fluides Université d'Aix-Marseille 1, Rue Honnorat 13003 Marseille, France |

Euromech Local problems in plates
136 and shells
 15-17 Sept. 1980
 Jablonna, Poland

Professor dr.hab. S. Lukaszewicz
Politechnika Warszawska
ul. Nowowiejska 24
00-665 Warsaw, Poland

Forthcoming papers

The following papers have been accepted for publication in the
Journal of Engineering Mathematics:

1. On an integral transform of the Mellin type, by D. Naylor.
2. A flat plate in a rotating, stratified flow, by M. R. Foster.
3. On the motion of a micropolar fluid drop in a viscous fluid, by R. Nieffer and P. N. Kaloni.
4. A continuum theory of thermoelastic solids with diatomic structure, by H. Demiray.
5. Heat transfer in MHD flow with pressure gradient, suction and injection, by V. M. Soundalgekar and T. V. Ramana Murty.
6. On the relation between adjacent inviscid cell-type solutions to the rotating-disk equations, by D. Dijkstra.
7. Effect of secondary terms on axisymmetric vibration of circular plates, by A. P. Gupta and N. Mishra.
8. Calculation of the wetted area of a planning hull with a chine, by E. M. Casling and G. W. King.
9. Mixed convection boundary layer flow on a vertical surface in a saturated porous medium, by J. H. Merkin.