

## PRESIDENT'S INTRODUCTION

*All procedures are now well under way for the development of EUROMECH as the European Mechanics Society. New individual members are continuing to join, as are joint members via our first Affiliated Organization, GAMM. Negotiations are now in progress, or will shortly be initiated, with a number of organizations and societies so that joint membership will be available widely to members of other European scientific and engineering societies.*

*Elections to the Council for 1995 will be held in the Autumn of 1994, under the auspices of the Interim Advisory Board. This Board will offer the membership a choice of candidates for all seats on the Council, five of the seats for a 3-year tenure, five for a 6-year tenure. The choice of candidates will reflect both a need for some continuity with the present Council, and an opportunity to involve new members. (The 6-year normal term of office was introduced by the Council at its meeting in April 1994 in a slight modification of the Statutes designed to simplify voting procedures. Elections will now be held every three years.)*

*I am glad to be able to report that two substantial grants have been awarded to EUROMECH from the Council of the European Union. One is to support the participation of young European scientists in the 2nd EUROMECH Solid Mechanics Conference (Genoa, 12-16 September 1994) and the 2nd EUROMECH Fluid Mechanics Conference (Warsaw, 20-24 September 1994), the other to support the participation in those conferences of scientists from Eastern Europe. Possibilities for future funding of conferences and colloquia by the EU are far from clear, but as the policy of the EU continues to stress the training of young researchers we can hope that EUROMECH will benefit from future EU schemes as its aims have always been strongly in favour of the identification and support of young scientists and engineers.*

*Let me say finally that it is most gratifying to note the large number of distinguished scientists who are now giving their time and effort to the work of EUROMECH bodies; some 60 scientists are now members of these bodies, and a similar number are now involved each year in the local organization of colloquia and conferences. This broadening of the base of support is most welcome – though indeed essential – and I take this opportunity to thank all past and present members of EUROMECH bodies, and all those who have organized or participated in the 350 meetings so far put on under EUROMECH auspices, for their enthusiastic commitment to the work of our Society.*

*I must also not miss this opportunity to urge all those reading this Newsletter to become members of EUROMECH !*

D.G. Crighton  
President, EUROMECH

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## EUROMECH Newsletter 3

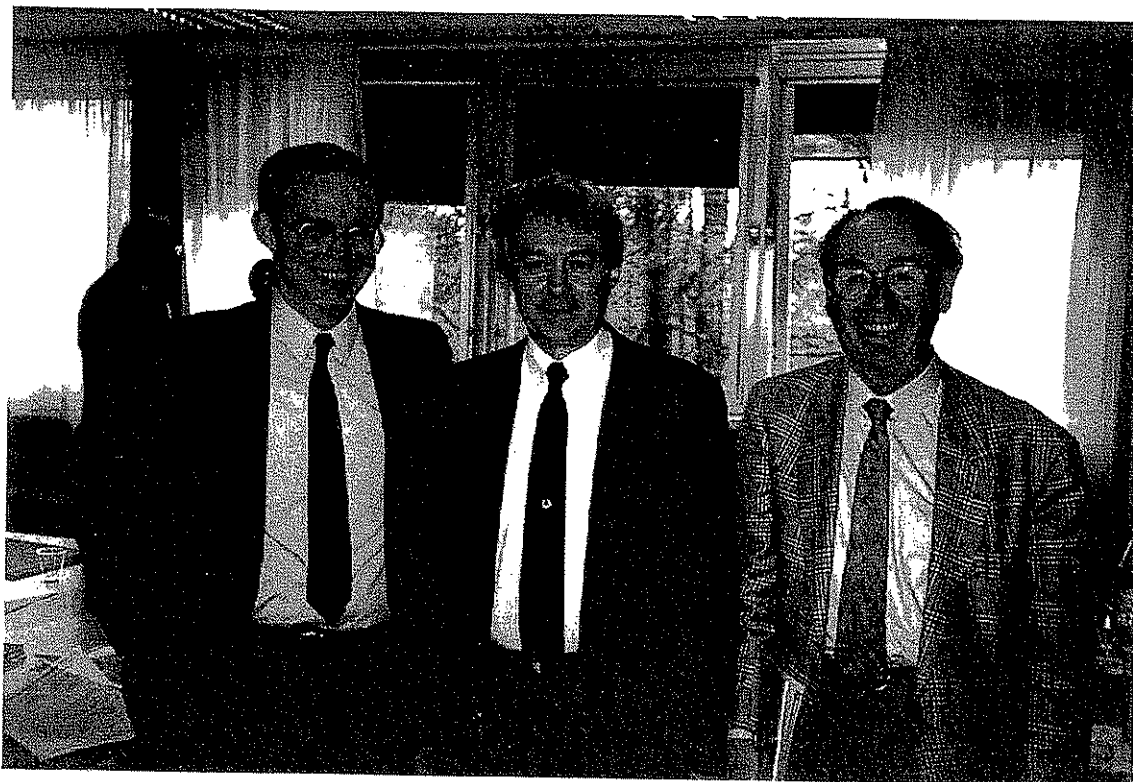
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### Officers of EUROMECH

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This photograph of the Officers of EUROMECH – B. Lundberg (Secretary-General), D.G. Crighton (President), E.-A. Müller (Treasurer) – was taken in Ecully, France on 3 April 1993, following their election by the Interim Council, and the adoption of the Statutes and Procedures for transformation of EUROMECH into a Society.

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## GKB and EUROMECH

The following article was written as a tribute to G.K. Batchelor on the occasion of his 70th birthday in 1990. Since then the transformations in Eastern Europe have rendered some of the statements made inapplicable or irrelevant, but the article is nevertheless reprinted here without modification (courtesy of Cambridge University Press, publishers of the *Journal of Fluid Mechanics*) as a further tribute to G.K.B. for his vision, tenacity and persuasiveness in the development of EUROMECH.

G.K.B. will retire from EUROMECH organization (though not, we are confident, from scientific participation in EUROMECH colloquia and conferences) at the end of 1994, vacating the Chair of the Fluid Mechanics Conference Committee. He will thus have served a total of precisely 30 years in EUROMECH, for much of that time as Chairman of the EUROMECH Committee or Council. The Council is pleased that G.K.B. has accepted Honorary Membership, for life, of EUROMECH.

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## GKB and EUROMECH

*J. Fluid Mech.* (1990), vol. 212, pp. 7–9

Most scientists and engineers associate the name of George Batchelor first with the founding and firm editorship of this Journal, then perhaps with the authorship of two widely influential books. Over the years, a considerable number have, as visitors to the Department in Cambridge which he founded and headed for twenty years, had the opportunity for scientific discussion with him, but a much larger number have had their work greatly influenced by the activities of EUROMECH, in which GKB was heavily involved from the start in 1964.

The first EUROMECH Colloquium (Berlin 1965, Chairman Rudolf Wille, 'Boundary layers and jets along highly curved walls – Coanda effect') arose out of ideas of the late Dietrich Küchemann and GKB for the promotion and strengthening, through small specialist meetings, of research in mechanics in Europe. Individual countries in Europe might often not have either the number or range of workers in fluid or solid mechanics to run effective conferences, especially on specialised topics, but taken as a whole there was interest, diversity and quality in mechanics research in Europe on a scale to need and justify a series of 'EUROMECH Colloquia', a name (emulated by less happy titles such as 'Eurovisc', 'Eurohyp' and many others) which has stuck from the start. These colloquia were seen at first, especially by Küchemann, as on a very small and specialised scale, extremely informal, and consisting largely of round-table discussions involving perhaps twenty participants. Such was the success of the first colloquia, and such the pressure for invitation to attend, that very quickly a somewhat more formal structure was needed, both for the planning of the series as a whole and for the running of individual colloquia – and thus the European Mechanics Committee (EMC) was born in 1966. GKB took the Chair and was re-elected without a break until 1987 when he firmly and finally declined the Committee's invitation to continue. Dietrich Küchemann was Secretary of the EMC until his untimely death in 1976, when Hans Fernholz (who had been involved from the start and was the administrative secretary of EUROMECH 1) took over this role and held it until the end of 1989. The first members of the EMC were Wlodek Fiszdon, Dietrich Küchemann, Robert Legendre, Rudolf Wille and GKB.

Many readers of *JFM* will have attended a EUROMECH Colloquium, and will recognize their (intended!) features as different from those of most other regular conference series. The emphasis was, and remains, on informal discussion of up-to-date and probably incomplete work, with every opportunity for participation by young scientists. Participation was to be by invitation of the Chairman of the colloquium concerned, with a typical participation of 50 and a recommended maximum of 70 (exceeded, usually with much less success, on a few occasions by over-enthusiastic Chairmen, on one occasion with an attendance as high as 150). No parallel sessions were to be allowed, ten minutes of each half-hour presentation set aside for discussion, maximum opportunity given throughout the meeting for informal exchange of views, and costs held to an absolute minimum by use, wherever possible, of inexpensive dormitories and catering. Information about these colloquia was disseminated in announcements in major journals, and to assist Chairmen in the task of finding appropriate qualified and effective participants, a network of EUROMECH Correspondents was set up, with about 35 in solid, 35 in fluid mechanics at any time. The duties of these Correspondents, working in all countries in Eastern and Western Europe, included the recommendation of participants for particular colloquia and the identification of topics, chairmen and locations for future colloquia.

From the outset it was intended that scientists from Eastern Europe should be fully involved in EUROMECH – in the EMC, in attendance at colloquia, and in the running of colloquia in their own countries. For many years Wladek Fiszdon played a vital role on the Committee in seeing that good proposals came up from Eastern Europe, and over the years many successful colloquia have been held in Poland, Hungary, Czechoslovakia, Bulgaria and Romania. How to deal with the scientific strengths of the USSR without having the domination of most colloquia by Soviet scientists was a long-standing problem, and one only recently solved. Inevitably it was felt by some that EUROMECH discriminated against the USSR, and with some truth, the USSR certainly not coming within the intended category of a European country generally too small in isolation to run effective specialist meetings. This also led to some sustained friction with IUTAM, to which the USSR adheres strongly. GKB was always concerned that these problems should be seen in perspective, and resolved as the essentially complementary nature of EUROMECH and IUTAM meetings became established. No-one was more delighted than he when, in the past couple of years, great developments began to take place in EUROMECH relations with the USSR, after twenty years in which most EUROMECH colloquia had no Soviet participants and none more than two. In quick succession, five Soviet scientists took part in EUROMECH 228 (Exeter 1987, 'Boundary layer instability and transition'), Juri Engelbrecht joined the EMC at first by co-option and then as a regular member, the first Soviet EUROMECH was held (240, Tallinn, 'Nonlinear waves in active media', September 1988), the EMC had its annual meeting for the first time in the USSR (Tallinn, April 1989) and further Soviet EUROMECH colloquia were announced (256, Tallinn 1989; 271, Kiev 1990). At the same time, substantial balanced Soviet participation has become a feature of many EUROMECH colloquia.

Planning of EUROMECH colloquia is done by the EMC at its annual meeting, where proposals are considered in a style long established by GKB and which would amaze anyone unfamiliar with GKB's thoroughness. Two full days are given over to an agenda not obviously needing more than one, and each proposal discussed from every possible angle – the significance of the topic, its breadth, its coherence, the personality of the

chairman and his ability to attract enough and the right scientists to his meeting, his adherence to the spirit of EUROMECH colloquia, the likely administrative and social arrangements, the balance of topics between fluid and solid mechanics, and scientific-political issues. Titles and scope statements are minutely analysed, and often rewritten for negotiation with the proposers, all with a seriousness and fairness that invariably leaves new committee members at first astonished and then admiring. More than one excellent (French) lunch has been declined by GKB, acting for the committee, in the face of the needs of the agenda. Yet one comes away from such meetings having learned some science, so extensive are these discussions over the whole field of mechanics, and even more about how to handle a multinational committee to produce a common aim – of strengthening mechanics research in Europe – from members whose national interests and structures differ widely, one from another. Nor should I leave the reader with the impression that the deliberations of the EMC are all conducted in grim earnest; far from it. GKB set a very congenial tone for the meetings and discussions, was warmly appreciative of the hospitality provided wherever we met and would always turn in a witty and polished vote of thanks at dinners whether thoroughly informal (on a patio, for example) or less so (in Luleå, for example, GKB was, without prior notice, given the Freedom of the City).

Naturally, GKB's contributions to EUROMECH work did not end when he relinquished the chair. He has enthusiastically supported a recent idea (building on the running, via the EMC, of larger-scale 'Turbulence Conferences' in 1986 and 1988) of a series of European Fluid/Solid Mechanics Conferences, the First EFMC to be in Cambridge, the First ESMC in Munich, both in September 1991. These are seen as broad conferences with as much informality and emphasis on up-to-date work as possible, but aiming also to educate participants in areas outside their speciality through carefully planned mini-symposia, invited surveys and contributed talks and posters. EFMC and ESMC Committees have been set up to manage the scientific programmes for these meetings, and GKB was the unanimous choice of the EMC for Chairman of the EFMC. Disliking the term Sub-committee, GKB headed off the danger of having to chair such a body with the suggestion (approved by the members and, from correspondence I have received, widely by frequenters of EUROMECH colloquia) that the time had come, after 25 years and with 250 successful meetings in the bag, for the EMC to give itself the title European Mechanics Council, with three Committees (Turbulence Conference, EFMC, ESMC) reporting to it.

EUROMECH is one of several uniquely successful contributions which GKB has made to his scientific love. How did he do it all? His own reply, to a questioner once in DAMTP, was 'Work; work; and more work'; necessary probably, sufficient certainly not. Personal qualities are vital too, whose delineation here would embarrass him, but which are obvious to those who have had the privilege of working with GKB on the development of EUROMECH. On behalf of them and the many thousands who have taken part in EUROMECH activities, I wish George a Very Happy 70th Birthday, and many more productive years at the forefront of fluid mechanics research.

DAVID G. CRIGHTON  
Chairman, European Mechanics Council

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## Report from EUROMECH Council Meeting 1994

The Council met on 8 and 9 April 1994 in Cambridge. Proposals for Colloquia in 1995 were considered, and those approved are listed on pages 8 and 9, below.

Minor modifications to the Statutes were approved, the aims of these modifications being to simplify voting procedures for Council membership (elections will now take place every three years, instead of every two and one half years, and the standard term of membership of the Council is increased from five to six years), and to permit greater flexibility in negotiating arrangements with Affiliated Organizations.

Some of the other matters taken forward are described briefly below.

### (i) Affiliated Organizations

The EUROMECH Council has agreed terms of affiliation with the transnational *Gesellschaft für Angewandte Mathematik und Mechanik* (GAMM), and many members of GAMM have now become members of EUROMECH via the affiliation of GAMM. Negotiations for affiliation have begun, or will begin in 1995, with a number of other major societies in Europe. When each negotiation is concluded the affiliation will be announced in EUROMECH Newsletters, and in the newsletter of the affiliating society.

Members of GAMM wishing to take out membership of EUROMECH are invited to write to the Treasurer of GAMM for details.

### (ii) European Journal of Mechanics

When the EUROMECH Council sought advice, from EUROMECH Correspondents and other interested persons and bodies, on the re-constitution of EUROMECH as a Society, it received numerous suggestions about an associated journal. Some writers advocated the launching of a new EUROMECH Journal of Mechanics as a flagship for the new Society, others argued strongly against the launching of any new journal, mainly for the obvious reasons of cost to subscribers and the existence already of quite enough journals in the field. The Council took the latter view, and has set its face firmly against the founding of a new journal. It did, however, recognize the value of association with an established journal for purposes of mutual support and benefit to the journal and the Society members, and for the speedy flow of information about EUROMECH.

The Council is very gratified that, thanks to the goodwill of the publishers Gauthier-Villars of the European Journal of Mechanics and the editors Jean Lemaitre (A/Solids) and Hans Fernholz and Patrick Huerre (B/Fluids), such an association has been reached with European Journal of Mechanics. From 1994 this journal has been designated "an official medium of publication of EUROMECH-European Mechanics Society", and will in future carry EUROMECH news, including abbreviated versions of the Newsletters. Members of EUROMECH are entitled to a subscription to either or both of (A/Solids), (B/Fluids) at a substantial discount. For details, members should write to the EUROMECH Treasurer E.-A. Müller.

The EUROMECH Council urges members to contribute to the development of the European Journal of Mechanics by taking out subscriptions and submitting high quality papers for publication there.

### (iii) Biomechanics

Topics in biomechanics have provided the theme for 14 EUROMECH Colloquia, from Colloquium 12 "*Fluid mechanics of circulation and respiration*", Jablonna, Poland, 1969, to Colloquium 311 "*Blood-wall interaction*", Berlin, Germany, 1993. The EUROMECH Council wishes to see a separate coordinated activity in this very important area. Just what form that activity might take is open to discussion between the biomechanics community and the Council. An obvious suggestion is that a series of larger EUROMECH Biomechanics Conferences might be held every two or three years, supervised by a Biomechanics Conference Committee on the lines of the EUROMECH Turbulence, or Nonlinear Oscillations, Conferences. A view which has come out strongly in correspondence is, however, that there are enough large conferences in biomechanics, and that the European biomechanics community particularly appreciates the smaller, less formal, more specialized EUROMECH Colloquia. If that were the favoured view, then it might be most appropriate to think in terms of a coordinated programme of EUROMECH Biomechanics Colloquia.

Such matters will be discussed in open forum at EUROMECH Colloquium 344 "*Fluid-structure interaction in biomechanics*", to be held in London in April 1996 under the chairmanship of T.J. Pedley and C.G. Caro, who will, in reporting on the colloquium, bring to the Council proposals for biomechanics within EUROMECH from 1997 onwards.

### (iv) Charges at EUROMECH meetings

At the EUROMECH Fluid and Solid Mechanics Conferences in 1994, and at all future EUROMECH Colloquia and Conferences from 1995 onwards, a fee will be charged, in addition to the registration fee to cover local expenses, to all participants who are not members of EUROMECH in Categories I or II. This fee is four units of the annual subscription, and is greater than the cost of either individual membership (Category I, three units) or joint membership (Category II, two units). Members of EUROMECH in Categories I or II may attend any number of EUROMECH meetings without payment of this fee, provided they produce their EUROMECH Membership Card.

### (v) Council Meeting 1995

The Council will meet in Uppsala in April 1995, following elections to be held late in 1994. Council welcomes suggestions from members and other interested scientists on ways in which the subject of mechanics might best be developed in Europe. Any person wishing to raise relevant matters is invited to write to the Secretary-General, B. Lundberg, preferably well in advance of the next Council meeting.

### (vi) EUROMECH Newsletter 4

Newsletter 3 is the last to be distributed free of charge to all who have expressed interest in EUROMECH. Newsletter 4 will be prepared early in 1995, following the elections in Autumn 1994 to the Council. It will be distributed by post to all members of EUROMECH, and will be available free to all participants in EUROMECH colloquia in 1995.

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## EUROMECH Colloquia in 1995

The EUROMECH Council has overall responsibility for EUROMECH Colloquia and EUROMECH Conferences. The latter comprise the European Solid Mechanics Conference, the European Fluid Mechanics Conference, the European Turbulence Conference and the European Nonlinear Oscillations Conference. Fifteen Colloquia, but no Conferences, will take place in 1995.

EUROMECH Colloquia are informal meetings on specialized research topics. Participation is restricted to a small number of European 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 directly to the appropriate Chairman.** Number, Title, Chairman or Co-Chairmen, Dates and Location for each Colloquium in 1995, and an advance notice for a Colloquium in 1996, are given below.

- 329. *Methods for nonlinear stochastic structural dynamics*  
Prof. G.I. Schueller, Institute of Engineering Mechanics, University of Innsbruck,  
Technikerstrasse 13, A-6020 Innsbruck, Austria  
13-17 March 1995, Innsbruck, Austria
- 330. *Laminar/turbulent transition of boundary layers influenced by free-stream disturbances*  
Dr. P. Jonás, Institute of Thermomechanics, Academy of Sciences of the  
Czech Republic, Dolejskova 5, CZ-182 00 Praha 8, Czech Republic  
Prof. F. Pittaluga, Genova  
10-12 April 1995, Prague, Czech Republic
- 331. *Flows with phase transition*  
Prof. G.E.A. Meier, Institut für Strömungsmechanik der DLR,  
Bunsenstrasse 10, D-37073 Göttingen, Germany  
Prof. G.H. Schnerr and Prof. J. Zierep, Karlsruhe  
13-16 March 1995, Göttingen, Germany
- 332. *Drag reduction*  
Prof. P. Luchini, Dipartimento di Progettazione Aeronautica, Università  
di Napoli Federico II, P. le Tecchio, I-80125 Napoli, Italy  
Dr. D. Bechert, Berlin  
19-20 April 1995, Ravello (near Naples), Italy
- 333. *Ground freezing: mathematical models and applications*  
Prof. M. Primicerio, Dipartimento di Matematica "U. Dini"  
Viale Morgagni 67/a, I-50134 Firenze, Italy  
Prof. M. Fremond, Paris  
2-4 June 1995, Montecatini, Italy
- 334. *Textile composites and textile structure*  
Prof. P. Hamelin, Laboratoire Mécanique et Matériaux, Université Lyon 1,  
IUT A Génie Civil, 43, boulevard du 11 Novembre 1918,  
F-69622 Villeurbanne Cédex, France  
P. de Wilde, Brussels  
15-17 May 1995, Lyon, France
- 335. *Image techniques and analysis in fluid dynamics*  
Prof. A. Cenedese, Department of Mechanics and Aeronautics, University  
"La Sapienza", Via Eudossiana 18, I-00184 Roma, Italy  
Prof. F.T.M. Nieuwstadt, Delft  
5-7 June 1995, Rome, Italy



336. *Flows dominated by centrifugal and Coriolis forces*  
 Prof. H. Andersson, Applied Mechanics, The Norwegian Institute of  
 Technology, N-7034 Trondheim, Norway  
 21-23 June 1995, Trondheim, Norway
337. *Plastic flow instabilities at high rate of strain*  
 Prof. C. Fressengeas, L.P.M.M./I.S.G.M.P., Université de Metz  
 Ile du Saulcy, F-57045 Metz Cédex 01, France  
 Dr. B. Dodd, Reading  
 10-13 July 1995, Metz, France
338. *Atmospheric turbulence and dispersion in complex terrain*  
 Dr. F. Tampieri, FISBAT CNR, Via Gobetti 101, I-40129 Bologna, Italy  
 4-6 September 1995, Bologna, Italy
339. *Internal waves, turbulence and mixing in stratified flows*  
 Dr. C. Staquet, Ecole Normale Supérieure de Lyon, Laboratoire de  
 Physique, 46, allée d'Italie, F-69364 Lyon Cédex 07, France  
 6-8 September 1995, Lyon, France
340. *Statistical properties of turbulent gaseous flames*  
 Prof. D. Roekaerts, Heat Transfer Section, Faculty of Applied Physics,  
 Delft University of Technology, Lorentzweg 1, NL-2628 CJ Delft,  
 The Netherlands  
 Dr. Th. van der Meer, Delft  
 30 August - 1 September 1995, Delft, The Netherlands
341. *Smart structures and materials*  
 Prof. J.-M. Crolet, Université de Franche-Comté, Laboratoire de Calcul  
 Scientifique, 16, route de Gray, F-25030 Besançon Cédex, France  
 Prof. A. Preumont, Brussels  
 26-28 September 1995, Giens (near Toulon), France
342. *Aerothermodynamics*  
 Dr. G. Eitelberg, Aerothermodynamics Branch, Institute for Fluid  
 Mechanics, DLR, Bunsenstrasse 10, D-37073 Göttingen, Germany  
 Dr. H. Legge, Göttingen, and Prof. R. Brun, Marseille  
 26-29 September 1995, Göttingen, Germany
343. *Computerized symbolic manipulation in mechanics*  
 Prof. E.J. Kreuzer, Meerestechnik II, Technische Universität Hamburg-  
 Harburg, Eissendorfer Str. 42, D-21071 Hamburg, Germany  
 Prof. M. Lesser, Stockholm  
 9-13 October 1995, Hamburg, Germany
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344. *Fluid-structure interaction in biomechanics (advance notice)*  
 Prof. T.J. Pedley, Department of Applied Mathematical Studies,  
 University of Leeds, Leeds LS2 9JT, England  
 Prof. C.G. Caro, London  
 April 1996, London, England
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## EUROMECH Conferences

The 6th EUROMECH Turbulence Conference will take place in Lausanne, Switzerland, from 3 to 6 July 1996, with P.A. Monkewitz as Chairman of the Local Organizing Committee.

The 3rd EUROMECH Solid Mechanics Conference will take place in Stockholm, Sweden, from 9 to 13 September 1997, with B. Storåkers as Chairman of the Local Organizing Committee.

The 3rd EUROMECH Fluid Mechanics Conference will take place from 23 to 28 September 1997. A venue has still to be agreed (offers have been received from Seville and Göttingen) and will be announced at the 2nd EFMC in Warsaw, 20–24 September 1994.

The 2nd EUROMECH Nonlinear Oscillations Conference will take place in 1996, at a venue still to be agreed.

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## EUROMECH Council and Standing Committee Members 1994

### *COUNCIL*

D.G. Crighton (Cambridge, Chairman)	F.R. Pfeiffer (Munich)
R. Dvořák (Prague)	W. Schiehlen (Stuttgart)
E.J. Hopfinger (Grenoble)	G. Seminara (Genoa)
N. Jones (Liverpool)	F. Sidoroff (Lyon)
M. Kleiber (Warsaw)	L. van Wijngaarden
B. Lundberg (Uppsala, Secretary)	(Twente, IUTAM Observer)
E.-A. Müller (Göttingen)	

### *FLUID MECHANICS CONFERENCE COMMITTEE*

G.I. Barenblatt (Moscow and Cambridge)	E.-A. Müller (Göttingen)
F.H. Bark (Stockholm)	W. Schneider (Vienna)
G.K. Batchelor (Cambridge, Chairman)	G. Seminara (Genoa)
D.G. Crighton (Cambridge)	L. van Wijngaarden (Twente)
R. Dvořák (Prague)	H. Zorski (Warsaw)
E.J. Hopfinger (Grenoble)	

### *SOLID MECHANICS CONFERENCE COMMITTEE*

J. Engelbrecht (Tallinn)	F.R. Pfeiffer (Munich)
N. Jones (Liverpool)	W. Schiehlen (Stuttgart, Chairman)
M. Kleiber (Warsaw)	F. Sidoroff (Paris)
J. Lemaitre (Paris)	L.I. Slepyan (Tel Aviv)
B. Lundberg (Uppsala)	K. Sobczyk (Warsaw)
G. Maier (Milan)	

### *TURBULENCE CONFERENCE COMMITTEE*

G.I. Barenblatt (Moscow and Cambridge)	P. Huerre (Paris)
G.K. Batchelor (Cambridge)	J. Jiménez (Madrid)
R. Benzi (Rome)	A.V. Johansson (Stockholm)
F.H. Busse (Bayreuth)	P.A. Monkewitz (Lausanne)
H. Eckelmann (Göttingen)	F.T.M. Nieuwstadt (Delft, Chairman)

### *NONLINEAR OSCILLATIONS CONFERENCE COMMITTEE*

F.L. Chernousko (Moscow)	G. Rega (L'Aquila)
J. Engelbrecht (Tallinn)	M. Roseau (Paris)
R. Gutowski (Warsaw)	G. Schmidt (Berlin)
E. Kreuzer (Hamburg)	K. Sobczyk (Warsaw)
Yu. Mitropolski (Kiev)	J.M.T. Thompson (London)
F.R. Pfeiffer (Munich, Chairman)	H. Troger (Vienna)
L. Pust (Prague)	

### *INTERIM ADVISORY BOARD*

C. Cercignani (Milan)	A. Liñan (Madrid)
J. Engelbrecht (Tallinn)	R. Moreau (Grenoble)
H.H. Fernholz (Berlin, Convenor)	B. Stenåkers (Stockholm)
S. Kaliszky (Budapest)	J.R. Willis (Cambridge)

+ nominee of GAMM.

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### *EUROMECH - European Mechanics Society - Officers*

<i>President</i>	<i>Secretary-General</i>	<i>Treasurer</i>
Prof. D.G. Crighton, D.A.M.T.P., University of Cambridge, Silver Street, Cambridge CB3 9EW, UK.	Prof. B. Lundberg, Dept. of Technology, School of Engineering, Uppsala University, Box 534, S-751 21 Uppsala, Sweden.	Prof. E.-A. Müller, Max Planck Institut für Strömungsforschung, Bunsenstrasse 10, D 37073 Göttingen Germany.

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**International MECAMAT Seminar on  
Mechanisms and Mechanics of Solid-Solid Phase Transformations**

May 16–19, 1995  
La Bresse, Vosges, France

This seminar is co-organized by:

- the French association MECAMAT
- Laboratoire de Physique et Mécanique des Matériaux, URA, CNRS 1215, METZ
- Laboratoire de Science et Génie des Matériaux Métalliques, URA, CNRS 159, NANCY
- Laboratoire de Mécanique Appliquée URA CNRS 004, BESANCON

This seminar continues the MECAMAT conference series. The goal of these meetings is to bring together specialists from materials science and mechanics of solids to discuss specific topics from a fundamental point of view as well as from a more applied or industrial perspective. These conferences cover theoretical aspects, numerical approaches and experimental points of view.

This MECAMAT'95 international seminar is devoted to the different phase transformations in inorganic materials: displacive and diffusion controlled transformations from both materials science and mechanical points of view. The following topics are considered: mechanisms of these transformations, thermodynamics and kinetics aspects, consequences for the thermomechanical behaviour and applications (residual stresses, ...).

Contact:

E. PATOOR – tel. (33) 87 31 53 61 or

N. SIREDEY – tel. (33) 87 31 53 72

Laboratoire de Physique et Mécanique des Matériaux (L.P.M.M.)  
Institut Supérieur de Génie Mécanique et Productique (I.S.G.M.P.)  
Île du Saulcy – 57045 METZ CEDEX 01 – France  
Fax: (33) 87 31 53 66

INTERNATIONAL CONGRESS OF THEORETICAL AND APPLIED MECHANICS  
ICTAM XIX 1996

The XVIIIth ICTAM was held in Haifa, Israel in August 1992, and was generally considered to be a Congress of outstandingly high quality.

The Congress Committee has decided that the XIXth ICTAM will be held from 25 to 31 August 1996 in

KYOTO, JAPAN

at the kind invitation of the Japanese National Committee for Theoretical and Applied Mechanics. The Congress will cover the entire field of theoretical, experimental and computational fluid and solid mechanics, including applications.

If you wish to be included on the circulation list for future information concerning ICTAM 1996, please complete and return the attached slip.

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Please place me on the circulation list for ICTAM 1996, KYOTO.

Surname and Initials .....

Title (Prof., Dr., ...) .....

Mailing Address .....

.....

.....

.....

Return this slip to:

Prof. T. Tatsumi  
President  
Kyoto Institute of Technology  
Hashigami-cho, Matsugasaki  
Sakyo-ku, KYOTO 606  
Japan



# EUROMECH Membership Application Form

I WOULD LIKE TO APPLY FOR MEMBERSHIP OF EUROMECH

Family name/surname

First (given) name

Title (Prof., Dr., etc.)

Position

Work address

Phone

Fax

E-mail

Research Interests

EUROMECH meetings you have attended

Names and addresses of two referees whom the Society may consult

Signature

Please tick if you  
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Please return this form to Prof. D.G. CRIGHTON, D.A.M.T.P., University of Cambridge, Silver Street, Cambridge CB3 9EW, UK.

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