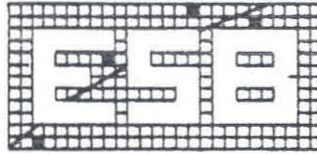


ESB Biomech



**EUROPEAN SOCIETY OF BIOMECHANICS  
NEWSLETTER - SPRING 1989**

**ESB CONFERENCE 1989**

The meeting was held in Bristol, in the 'West Country' of England. The attendance of 185 was lower than in previous years, which may have been due in part to the 'western' location, but also to the increasing commitments of members. We all have too many calls on our time and things we want to accomplish. But the bi-annual meeting must surely be a focal point for our work, and we hope that the attendance at the next meeting will reach a record level. Having said that, the standard of the papers (however that is assessed) continued the steady upward curve from previous years. Perhaps the highlight of the meeting was the opportunity to thank Stephan Perren for his Presidency of the Council, and for his continued service to the Society in many ways over the years. He was unanimously elected as an Honorary Member. Three other Council members had also reached the end of their tenure; Nicep Berme, John Paul, and Jaques Wagner. These individuals were thanked for their contribution. Particular mention was made of Dr. Wagner who was one of the founding members of the Society. Four new Council Members were proposed and approved; M.G. Hinsenkamp, Leif Ryd, Erich Schneider, and Peter Walker. Rik Huiskes assumed the position of Chairperson of the Society. Formal recognition was given to the two award papers, the Clinical Biomechanics Paper award, with a different sponsor each year, and the Poster award to recognise the important contribution that posters make to the meeting. Finally, Alan Goodship deserves a great deal of thanks for his efforts in organising the meeting.

**ADDRESSES FOR CORRESPONDENCE**

Professor Rik Huiskes, (President ESB), Dept. of Orthopaedics, University of Nijmegen, P.O. Box 9101, 6500 HB Nijmegen, The Netherlands. Phone (0) 80 513366.

Administration: Ms. Wilmi Goossens, address as above.

Erich Schneider, (Secretary ESB), Maurice Muller Institute of Biomechanics, Faculty of Medicine, University of Berne, Murtenstrasse 35, CH-3008 BERN, Switzerland. Phone (0) 31 648686.

Prof. Peter Walker, (Newsletter ESB), Dept. of Biomedical Engineering, Institute of Orthopaedics, Royal National Orthopaedic Hospital, Brockley Hill, STANMORE, Middlesex HA7 4LP, England. Phone & Fax 01-9540956.

Other Council Members:

A. Cappozzo, Vice-President; Ivan Hvid, Treasurer; L. Claes, Chairman Meeting Committee; R. Kolbel, Chairman Clinical Committee; Leif Ryd, Chairman Membership Committee.



## ESB STATISTICS

Ivan Hvid, our Membership Chairman, reports the following: 257 Active Members plus 6 Associates and 3 Honorary Members. Switzerland 33, FRG 30, Netherlands 25, Great Britain 20, Italy 19, Belgium 18, France 13, Scandinavia 12, USA 13, USSR 5, China 5, Japan 2, Singapore 1, Australia 1. Additional qualified members are encouraged.

## EDITORIAL

In his address at the General Assembly of the Bristol meeting, Professor Stephan Perren stated that the aim of bringing together in constructive discussions those who do basic research with those who apply biomechanics, had been achieved. This statement should make us all think about our approach to the next meeting. The content of our conference is selected from the papers which are submitted. From past experience, the topics have covered the range from basic theoretical work to descriptions of surgical techniques. It is hoped that this range will be maintained, because it would be a great loss if our conference were to veer strongly to one side or the other. The key lies in the term 'constructive discussions'. The abstracts, and the presentations themselves, must be such that the basic scientist and the surgical practitioner can communicate. It must be possible to ask questions about the relevance and significance of ideas. The methods of data analysis and the definition of clinical problems must be scrutinised. Those of different disciplines and different ways of thinking must be able to learn from each other. This can only be done - in constructive discussions - if we all make it a special objective to communicate.

## PEOPLE IN THE NEWS

Professor Stephan Perren has recently left the Directorship of the Maurice Muller Institute for Biomechanics in Bern, Switzerland. He will devote his time now to the Laboratory for Experimental Surgery in Davos. For the interim, Erich Schneider has been appointed as the Director at Bern, to enable the future plans to be made before the end of 1989. Professor Lance Lanyon, known to most of us for his contributions to the area of bone remodelling, has now been appointed as Principal of the Royal Veterinary College in London. Mr. U. Schlegel, has recently moved from Davos to a new address: U. Schlegel, Med. Ing.HTL, Labor fur Exp. Chirurgie, Obere Strasse 22, CH - 7270 DAVOS - Platz. Herman Woltring has provided the attached information on the Electronic Mail System for Biomechanics. It is hoped that many ESB members will be interested in this opportunity to exchange information on an ongoing basis.

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## WORKSHOP ON IMPLANTABLE TELEMETRY IN ORTHOPAEDICS:

A small and intensive workshop will be organized in **intracorporal** telemetry system used in orthopaedics. The three day meeting for people **actively** working on or with such systems is planned to be held during April 26-28, 1990, in Berlin. Extensive exchange of knowledge and personal contact is the goal of this workshop. So the number of participants is limited to about 15 persons and a selection might become necessary. There will be enough time for discussion of successful developments, but also of difficulties and failures.

Researchers interested in this workshop should contact the address below and send a **brief** description of their activities in this field.

Dr.-Ing. Georg Bergmann,  
Oskar-Helene-Heim, Biomechanics-Laboratory,  
Dept. of Orthopaedics of the Free University,  
Clayallee 229, D-1000 Berlin 33, W.-Germany,  
Tel: (030) 81004-373

## **MEETINGS**

7th Meeting of the European Society of Biomechanics.

Aarhus, Denmark. 8-11 July 1990. Sept 1989, call for papers.

Dec 1989, closing date for papers.

Details from Ivan Hvid, Biomechanics Laboratory, Orthopaedic Hospital, Randersvej 1, 8200 Aarhus, Denmark.

8th European Conference on Biomaterials.

Heidelberg, Germany. 7-9 September, 1989.

The deadline for abstracts was 15th February.

Deadline for reduced rate registration 30 June 1989.

Details from Dr. U. Soltesz, Fraunhofer-Institut für Werkstoffmechanik, Wohlerstrasse 11, D-7800 Freiburg, W. Germany. Phone 0761-5142139.

Symposium on Biocomotion.

Formia, Italy. 14-17 April, 1989.

The deadline for abstracts was 31 January, 1989.

Details from Lia Galliano, AICS - Via A. Borelli 50, 00161 Roma, Italy. Phone 6-490820.

Biological Resurfacing.

Cleveland, near Durham, England. 11th November, 1989.

One day workshop on current research and clinical studies.

Details from Dr. Julian Minns, Regional Medical Physics Dept., Dryburn Hospital, DURHAM DH1 5TW, England.

Workshop on Fracture Fixation.

Details from L. Claes, Laboratory für Experimentelle Traumatologie, Der Abteilung Chirurgie III, Universität Ulm, Oberer Eselsberg, 7900 Ulm, F.R. Germany.

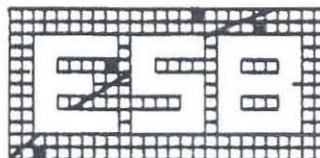
Orthopaedic Research Society.

New Orleans USA, February, 1990.

Deadline for abstracts 1st June, 1989. Details (for interim) from Professor Peter S. Walker.

## **NEXT NEWLETTER**

The next Newsletter is planned for 31st October, 1989. Please send any contributions at least one month before then, to assure them of being included. Contributions to Professor Peter S. Walker.





## B I O M C H - L

AN ELECTRONIC MAIL DISCUSSION LIST FOR BIOMECHANICS AND  
HUMAN/ANIMAL MOVEMENT SCIENCE

A.J. van den Bogert, Utrecht, The Netherlands (1)  
and  
H.J. Woltring, Eindhoven, The Netherlands (2)

EARN/BITNET/NETNORTH: (1) wwdonic@heitue5, (2) wwtmhjw@heitue5

An electronic distribution list has been created for members of the International Society of Biomechanics (ISB) and of related organizations (e.g., European, American, and Canadian Societies of Biomechanics) which, at least for users of EARN/BITNET/NETNORTH systems, allows free exchange of information with fellow-members on the list. In view of the overlap between Biomechanics and other fields such as Kinesiology, Bioengineering, Motor Control, and Physiology, the list is also open to non-members. At the time of writing (mid February 1989), there are about 55 subscribers in Belgium, Canada, Finland, France, Greece, Ireland, Italy, Netherlands, Turkey, United Kingdom, and the United States, plus an unknown number of readers on Usenet, the news posting system for UUCP (Unix-to-Unix CoPy).

Activities on the list include discussions, congress reports, calls for help, calls for papers, and anything else relevant to the target domain. It is appreciated that replies received in response to "calls for help" are summarized and posted for the benefit of all readers.

EARN/BITNET/NETNORTH users can subscribe to the list interactively or by electronic mail, by sending the following command to LISTSERV@HEARN

SUB BIOMCH-L <name>

where <name> should be the user's full name (e.g., initials and last name). When sending the request interactively, it might be advisable to place <name> within double quotes, as in "<name>", since some systems will otherwise convert the text into capitals only. Because of different address naming conventions for interactive commands and email messages, users on VAX-clusters are advised not to subscribe interactively, but only via electronic mail.

Postings can be submitted to the list by sending the message in mail format to BIOMCH-L@HEARN (but NOT to LISTSERV@HEARN!). At present, the list is open for subscription and distribution without editorial interference. In order to protect the subscribers' privacy, their names and electronic addresses cannot be REVIEWed (even though subscription is open to anyone); depending on subscribers' wishes, this policy might be reconsidered, once the SET (NO)CONCEAL command becomes officially supported on LISTSERV.

At present, the list exists merely at the central EARN-node in The Netherlands (HEARN at the University of Nijmegen). Depending on list usage, so-called "peer servers" may be created in other countries so as to reduce long-distance electronic mail expenses. In addition, this would allow use of the option for "local" distribution from one server (e.g., nation-wide) or for "global" distribution from all servers simultaneously.

Non-EARN/BITNET/NETNORTH users may communicate via electronic mail messages (but not interactively). If this fails, we shall be happy to enter their electronic addresses in the BIOMCH-L distribution list.

Regards -- we look forward to seeing you on BIOMCH-L!