



ANNOUNCEMENT

3<sup>rd</sup> European Conference on  
Clinical Haemorheology

baden baden            24.-27.8.83

(H. Schmid-Schönbein, Aachen (W.Germany) Chairman of the Organizing Committee)

Coordinated with the 5th International Congress on Biorheology (which meets at the same place August 19-24, 1983) the 3rd ECCH will meet in the "Kongress-Haus" in Baden-Baden (W. Germany).

Patterned by previous conferences in Nancy and London, congress symposia, plenary lectures, free communications and poster demonstrations will serve as means of scientific exchange between clinical haemorheologists from all fields and theoreticians from various disciplines. Special emphasis will be put on in vivo-results, even when preliminary.

D E A D L I N E for submission of abstracts:            M A R C H 15, 1983.

All correspondence concerning the conference should be addressed to:

Mrs Maria Brendt  
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SYMPOSIA OF BIOMEDICAL ENGINEERING SOCIETY  
CONRAD HILTON HOTEL  
Chicago, Illinois. 11 - 15 April 1983

"Bioengineering in Exploration". Chairman: J.L. Katz

"Recent Advances in Arterial Wall Research. Physiology and Bioengineering Aspects". Chairman: K. Fronek

"Musculoskeletal Mechanics". Chairman: A.B. Schultz

"Theoretical Models of Mass Transport in the Microcirculation".  
Chairman: J. Gross

"Bioengineering Aspects of Noninvasive Diagnosis of Peripheral Vascular Disease". Chairman: A. Fronek

"Mechanical Behaviour of Vascular Smooth Muscle". Chairmen:  
J.M. Price and P.B. Dobrin

"The Interaction Between the Heart and Vascular Systems". Chairman:  
F.C.P. Yin

"Transport Mechanisms of High Frequency Ventilation". Chairman:  
J.S. Lee

"Single Cell Mechanics". Chairmen: G. Schmid-Schönbein and  
R. Skalak

Further information: G.W. Schmid-Schönbein  
Chairman, Meetings Committee BMES  
Dept. of Applied Mechanics and  
Engineering Sciences, Bioengineering, M-005  
University of California, San Diego  
La Jolla, CA 92093

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SOCIÉTÉ FRANÇAISE DE BIORHÉOLOGIE  
(French Society of Biorheology)  
Founded 28. September 1982

The French Biorheology Society was officially founded on September 28, 1982 (as published in France's Official Journal on October 8, 1982). The aim of the Society is to improve theoretical, experimental and clinical knowledge in the various fields of Biorheology.

In order to encourage contacts over a wide range of disciplines, a number of thematic groups have already been formed :

- Modelization - Theoretical biorheology
- Methods in Biorheology
- Clinical hemorheology and exploration methods
- Microcirculation and transport across vessel wall
- Hemomechanics and hemodynamics - blood vessel rheology
- Rheology of tissues other than blood
- Therapeutics and pharmacological agents

The Society Committee is made up of 12 members

President	: J.F. STOLTZ (NANCY)
Vice-President	: C. KOPP (STRASBOURG)
Secretary	: P. DROUIN (NANCY)
Vice-Secretary	: M. BOISSEAU (BORDEAUX)
Treasurer	: M. LUCIUS (NANCY)

MEMBERS

B. GENETET (RENNES)  
M. GUEGUEN (Mrs) (RENNES)  
J.C. HEALY (ST ETIENNE)  
I. JUHAN (Mrs) (MARSEILLE)  
C. ODDOUX (PARIS)  
E. PUCHELLE (Mrs) (NANCY)  
D. QUEMADA (PARIS)

Please forward all enquiries to the Secretariat of the Society :

Secretariat - Société Française de Biorhéologie  
Centre Régional de Transfusion Sanguine  
Brabois  
54500 VANDOEUVRE LES NANCY (France)



THE FIFTH INTERNATIONAL CONGRESS OF BIORHEOLOGY

August 19 - 24, 1983 in Baden-Baden, FRG

Second Announcement and Call for Papers

Organizing Committee of The Fifth International Congress

Honorary Chairman: H.Hartert,  
Chairman: S. Witte,  
Secretary General: K.Meßmer,  
Treasurer: B.Endrich,  
Exhibition: R.Schosser, H.Zeintl,  
Local arrangements: M.Franke

Location:

Baden-Baden is a world-famous spa and holiday resort situated between the Rhein-plane and the hill sides of the Black Forest. Approximately 200 km south of Frankfurt/Main. In August warm and sunny days are prevailing.

How to get there?

Baden-Baden can be reached from the airport Frankfurt/Main conveniently by train or by car. Alternative airports are Stuttgart, F.R.G., Basel, Switzerland or Strasbourg, France.

At Frankfurt airport you can either rent a car or you can take the train leaving from the station in the main airport terminal. The ride on the train takes approximately 2 1/2 hours, during week days trains leave approximately at 1-hour-intervals.

By car you would have to take the highway (Autobahn) no. 5 from Frankfurt, direction Karlsruhe/Basel.

Please observe that you will have to arrange your ground transportation on your own, a bus service will not be available.

Scientific program

The scientific program will start on Saturday 20th, 9 a.m. and includes plenary lectures, symposia, free communications, poster sessions, and work-shops.

Plenary lectures (preliminary list):

Electro-biorheology (Fukada, Japan)

Rapid transport of macromolecules in polysaccharide-systems by means of dissipative structures (Laurent, Sweden)

Biorheology and the practice of medicine (Hartert, Germany)

Fibrin gels and their rheological properties (Blombäck, Sweden)

Conformational changes of biological macromolecules (Katchalsky-Katzir, Israel)

The biorheology of tumor cells (Brooks, Canada)

The endothelial cell surface (Ryan, USA)

Symposia (Organizers in brackets, preliminary list):

1. Theoretical considerations in biorheology (Oka, Japan)
2. Measuring techniques in biorheology (Schmid-Schönbein, FRG)
3. RBC-mechanics and in vivo microcirculatory flow (Meiselman, USA)
4. Normal and pathological mucus (Puchelle, France)
5. Biorheological aspects in treatment of rheumatic diseases (Maroudas, Israel)
6. Hemorheology and blood transfusion (Stoltz, France)
7. Tumor microcirculation (Meßmer/Endrich, F.R.G.)
8. Hemorheological disorders in cardiovascular diseases (Strauer, F.R.G.)
9. Permeability and the blood vessel wall (Silberberg, Israel)
10. Theoretical aspects of tissue deformability (Marenholtz, F.R.G.)

Registered members of the congress can contribute papers to the free communication and posters sessions. All fields of biorheology can be covered. In principle, the abstracts will be selected by the scientific program committee and published in the abstract volume (special issue of BIORHEOLOGY.)

The language of the congress will be English.

A satellite symposium on measuring techniques in biorheology will take place in Nancy, France. For further information please contact directly Prof. J.F. Stoltz, Groupe d'Hémorhéologie, Centre de Transfusion Sanguine, Brabois, F-54500 Vandoeuvre-Les-Nancy.

On August 24th a joint session with the 3rd European Conference on Clinical Hemorheology, Baden-Baden, FRG, will be held.

Participants of the 5th International Congress on Biorheology will be admitted to this joint session without extra charge.

#### Social program

A pre-congress get together will be arranged on Friday (19<sup>th</sup>) evening. On Saturday there will be a Welcome reception. On Monday afternoon, we will have an outing to the Black Forest. On Wednesday night a banquet will be held together with the participants of the 3<sup>rd</sup> European Conference on Clinical Hemorheology in Baden-Baden.

A program for accompanying persons will be arranged.

#### Submission of abstracts

The abstracts have to be submitted to the congress office by March 1st, 1983. Each abstract is limited to the length of one page, typed single-spaced on 12 x 17cm plane paper with a border of 4 cm on all sides. Paper title, author's names, addresses and affiliations must be typed at the top.

Authors must prepare a camera-ready abstract to be photographed for reproduction. Paper matts and typing instructions will be sent to the authors as soon as the congress office is notified.

Please observe, that authors planning on submitting an abstract have to notify the congress office by Dec 15<sup>th</sup>, 1982.

Registration fees.

Registration before June 1st, 1983: US \$ 130.

Registration after June 1st, 1983: US \$ 150.

Students (credit necessary) registration before June 1st, US \$ 60, after June 1st, 1983: US \$ 70.

Accompanying persons: US \$ 50.

Registration fees less 20% will be refunded if request is received by the congress before August 1st, 1983. After that date the organizing committee shall decide on the amount to be refunded.

Cheques or purchase orders should be made out to Biorheology Congress and sent to the secretary general.

Accommodations

Baden-Baden offers a variety of hotels of different categories as well as pensions.

Accommodation is exclusively handled by the Kurverwaltung Baden-Baden, therefore the application forms for hotel reservation have to be mailed directly to Bäder und Kurverwaltung, Congress Organization, P.O. Box 540, D-7570 Baden-Baden, F.R.G.

Deadlines

The final abstracts have to reach the congress office not later than March 1st, 1983.

The abstracts will be reviewed until April 15th, 1983. The authors will be notified of acceptance or rejection within two weeks after April 15th, 1983.

The final program will be mailed in May 1983.

Accommodation: Please note that reservations for accommodation have to be made until July 15th, 1983.

Since the meeting is scheduled just a few days before the 3rd European Conference on Clinical Hemorheology and the International Horse Race Meeting (Iffezheimer Woche) hotel accommodations will be tight. We therefore suggest to make reservations in Baden-Baden as early as possible.

Correspondence

All correspondence concerning the congress should be sent to:

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Chirurgisches Zentrum  
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