

ANNOUNCEMENT

Second International Congress of Biorheology
Rehovot, Israel, 29 December 1974–7 January 1975

To be held at the
Weizmann Institute of Science

Under the auspices of
The International Union of Pure and Applied Biophysics
The Israel Academy of Sciences and Humanities
The Weizmann Institute of Science
The Technion–Israel Institute of Technology
The Tel Aviv University

Organized by
The International Society of Biorheology
an Affiliated Commission of the International Union of Pure and Applied Biophysics

Honorary President: E. KATZIR-KATCHALSKY, President of the State of Israel.
Honorary Vice President: M. REINER, The Technion–Israel Institute of Technology, Haifa, Israel.
President: A. SILBERBERG, Weizmann Institute of Science, Rehovot, Israel.
Secretary: G. SEAMAN, University of Oregon Medical School, Portland, Oregon, U.S.A.

International Advisory Committee
Chairman: A. L. COPLEY, New York Medical College, New York, N.Y. 10029, U.S.A.

Local Organizing Committee
Chairman: A. SILBERBERG, Weizmann Institute of Science, Rehovot, Israel.
Secretary: F. A. MEYER, Weizmann Institute of Science, Rehovot, Israel.

Venue and Dates

The Congress will be held at the Weizmann Institute of Science, Rehovot, Israel, starting Sunday evening, 29 December 1974. It will continue till Tuesday, 7 January 1975. The Business Meeting of the Society and the Society Dinner will also be held during this period.

Scientific Program

The Congress will involve three Symposia and Free Communications on the Symposium topics and all other aspects of Biorheology.

Symposia

1. *Cytoplasmic streaming and amoeboid movement*

At the Cellular Level
Cytoplasmic Streaming
Amoeboid Movement
Microfilaments

At the Molecular Level
Mechanochemical Proteins in Non-Muscle Cells
Fundamental Aspects of the Interactions between Actin and Myosin
Active Streaming and Muscle Contraction

Convener: A. OPLATKA, Weizmann Institute of Science, Rehovot, Israel.

2. *Glycoprotein and proteoglycan based systems*
 Rheology and Biological Function of Mucoïd Secretions
 Deformation and Flow of Connective Tissue
 Extravascular Fluid Transfer
Convener: F. A. MEYER, Weizmann Institute of Science, Rehovot, Israel.
3. *New approaches to the rheological characterization of biological materials*
 Laser Light Scattering and Flow Visualization
 Computer Techniques in Rheological Instruments
In vivo, in situ and Small Sample Techniques
Convener: M. BIRNBOIM, Rensselaer Polytechnic Institute, Troy, N.Y., U.S.A.

Free Communications

Papers on all aspects of rheology in animal and plant physiology will be considered, and in particular:

1. Energy Fed Rheological Processes and Mechanochemistry
2. Cellular Motility and Rheology
3. Biorheology of Secretions
4. Hemorheology
5. Membrane and Tissue Rheology
6. Biorheology in Disease
7. New Methodology in Biorheology
8. Theoretical Biorheology

The presentation of a paper plus time for discussion will be 15 min. It is expected that participants will have to be limited to the presentation of one paper only. Abstracts (100–500 words) in English must be submitted by 16 July 1974 and Preliminary Registration should be completed as soon as possible.

As announced in *Biorheology* 10, 617–618, 1973 the deadline for abstracts has been set for **1 July 1974**. However, it will be possible to extend this deadline by 15 days. It is intended to publish the abstracts of the Congress in the November 1974 issue of *Biorheology* which will be available at the beginning of the Congress. Participants are urged to keep the above deadline.

Language

The Congress will be conducted in English, and no translation service will be provided.

Registration

The Congress Fees are expected to be:

	Before 31 July 1974	After 31 July 1974
Participants	\$70	\$80
Accompanying persons	\$40	\$45

Travel and Accommodation

Peltours, Ltd. are the official travel agents and will provide the necessary services to participants. Their offices and agents abroad are at the disposal of participants for travel arrangements to and from Israel. In Israel, Peltours will be responsible for hotel accommodation, will meet participants on arrival, arrange transfer to hotels and provide all the sightseeing programs.

A return charter flight from New York to Israel is planned. Any participant who is interested should contact Prof. EUGENE SMITHBERG, Dean, Graduate School, Newark College of Engineering, Newark, New Jersey 07201, U.S.A.

Accommodation has been reserved in Tel Aviv for the duration of the Congress in hotels of all grades. It is impossible as yet to quote prices, but it is likely that the daily rate per person for bed and breakfast will range from \$13 to \$30 in a single room, and from \$10 to \$19 in a double room with double occupancy. In addition it is hoped that an inclusive rate for flight, registration and half-board during the period of the meeting will be available to participants at very favorable terms.

A special shuttle service between the hotels and the Weizmann Institute of Science will be provided at the beginning and end of sessions.

Social Program

The social program will include visits and trips, and both pre- and post-congress tours will be arranged. Sight-seeing trips are regularly available to all parts of the country. Swimming and sunbathing is possible, particularly at the Red Sea, Dead Sea and Lake Tiberias resorts.

Weather

The weather in Israel at the turn of the year is normally sunny and very pleasant (19°C at midday, 9°C at night). There may be occasional periods of rain.

Enquiries

All enquiries should be directed to:

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