

# News from the International Union for Pure and Applied Biophysics

---

---

## Forthcoming Meetings

INTERNATIONAL UNION FOR PURE AND APPLIED BIOPHYSICS

VTH INTERNATIONAL BIOPHYSICS CONGRESS, COPENHAGEN

4-9 AUGUST 1975

*Provisional Programme and Speakers*

*Monday 4 August*

9.30-12.00

OPENING PLENARY SESSION

Welcome address

Symposium on the Active Transport of Ions

J. G. Forte (U.S.A.)

D. H. MacLennan (Canada)

J. C. Skou (Denmark)

H. H. Ussing (Denmark)

14.00-17.00

SYMPOSIA I, III AND VIII

The Role of Proteins in Membranes

S. J. Singer (*Chairman*) (U.S.A.)

N. M. Green (U.K.)

K. Simons (Finland)

W. Stoeckenius (U.S.A.)

M. Raftery (U.S.A.)

Linear and Non-linear Processes in the Cochlea

W. M. Siebert (*Chairman*) (U.S.A.)

E. F. Evans (U.K.)

A. Flock (Sweden)

W. S. Rhode (U.S.A.)

M. B. Sachs (U.S.A.)

C. R. Steele (U.S.A.)

Primary Events in the Interaction of Light and Radiation with Biological Systems

L. Kayushin (*Chairman*) (U.S.S.R.)  
G. E. Adams (U.K.)  
L. Duysens (Netherlands)  
P. Rentzepis (U.S.A.)

*Tuesday 5 August*

9.30–12.30

SYMPOSIA IV, V AND IX

Adaptation and Conditioning in the Nervous System

D. M. MacKay (*Chairman*) (U.K.)  
H. B. Barlow (U.K.)  
J. D. Cowan (U.S.A.)  
D. Egger (U.S.A.)  
D. G. R. Ottoson (Sweden)  
R. F. Schmidt (Federal Republic of Germany)

Dynamics of Macromolecules in Solution

R. Rigler (*Chairman*) (Sweden)  
J. Eisinger (U.S.A.)  
L. de Mayer (Federal Republic of Germany)  
D. Magde (U.S.A.)  
J. M. Schurr (U.S.A.)  
J. Yguerabide (U.S.A.)

Local and Delocalized Charge in Membrane Reactions

H. Witt (*Chairman*) (Federal Republic of Germany)  
L. Dutton (U.S.A.)  
G. Feher (U.S.A.)  
W. Junge (Germany)  
V. Skulachev (U.S.S.R.)  
M. Wikström (Finland)

14.00–17.00

POSTER SESSION

20.00–22.00

KATCHALSKY MEMORIAL SYMPOSIUM XIII A

Science and Technology for the Developing Countries

M. H. F. Wilkins (*Chairman*) (U.K.)  
M. M. Hoda (India)

Wednesday 6 August

9.30–12.30

SYMPOSIA XIV, XV AND XVI (AFFILIATED COMMISSIONS)

Rheology of Biological Membranes

A. Silberberg (*Chairman*) (Israel)  
E. Evans (U.K.)  
W. Helfrich (Germany)  
M. Shinitzky (Israel)  
R. Skalak (U.S.A.)

The Relationship of Cellular, Volume and Boundary Potentials (I.E.E.E.)

T. C. Pilkington (*Chairman*) (U.S.A.)  
J. W. Clark (U.S.A.)  
R. S. Eisenberg (U.S.A.)  
J. M. Kootsey (U.S.A.)  
M. Ramsey (U.S.A.)  
P. Rosenfalk (Denmark)

(I.O.M.P.)

J. R. Cameron (*Chairman*) (U.S.A.)

Thursday 7 August

9.30–12.30

SYMPOSIA II, VI, XI AND XVII

Ionic Channels, Ionophores and Noise in Membranes

A. A. Verveen (*Chairman*) (Netherlands)  
F. Conti (Italy)  
B. Hille (U.S.A.)  
P. Läuger (Federal Republic of Germany)  
Yu. A. Ovchinnokov (U.S.S.R.)

Cell Injury and Repair Processes

H. Glubrecht (*Chairman*) (Austria)  
L. Ehrenberg (Sweden)  
V. Hagen (Federal Republic of Germany)  
A. M. Kuzin (U.S.S.R.)  
R. B. Setlow (U.S.A.)  
B. B. Singer (India)

Education and Development in Biophysics

A. Hollaender (*Chairman*) (U.S.A.)

Spectroscopic Approaches to the Structure and Function of Membranes

- G. K. Radda (*Chairman*) (U.K.)
- L. D. Bergelson (U.S.S.R.)
- J. K. Blasie (U.S.A.)
- B. Chance (U.S.A.)
- H. M. McConnell (U.S.A.)
- H. Träuble (Federal Republic of Germany)

14.00–17.00

POSTER SESSION

20.00–22.00

KATCHALSKY MEMORIAL SYMPOSIUM XIII B

Science and Society

- M. H. F. Wilkins (*Chairman*) (U.K.)

*Friday 8 August*

9.30–12.30

SYMPOSIA VII, X AND XII

Structure and Dynamics of Membranes

- M. M. Burger (*Chairman*) (Switzerland)
- D. Branton (U.S.A.)
- C. F. Fox (U.S.A.)
- A. Horwitz (U.S.A.)
- P. Overath (Federal Republic of Germany)
- J. Seelig (Switzerland)

Contractile Systems

- H. E. Huxley (*Chairman*) (U.K.)
- I. R. Gibbons (U.S.A.)
- T. D. Pollard (U.S.A.)
- R. M. Simmons (U.K.)
- L. G. Tilney (U.S.A.)

Biophysics and Global Problems

- C. A. Tobias (*Chairman*) (U.S.A.)
- R. W. Estabrook (U.S.A.)
- C. G. Heden (Sweden)
- R. Hill (U.K.)
- I. A. Zakharov (U.S.S.R.)

14.00-17.00

POSTER SESSION

*Saturday 9 August*

9.30-11.30

CLOSING PLENARY SESSION

Symposium on Electrical and Chemical Excitation

J. P. Changeux (France)  
Sir Bernard Katz (U.K.)  
R. D. Keynes (U.K.)  
P. Mueller (U.S.A.)

1975

29 Dec. to 7 Jan. 2nd International Congress of Biorheology, Rehovoth, Israel. Write: Dr A. Silberberg, The Weizmann Institute of Science, Rehovoth, Israel.

*January*

29-31 22nd Annual Conference on the Western Spectroscopy Association, Pacific Grove, California, U.S.A. Write: Dr G. Haugen, University of California, Lawrence Livermore Laboratory, P.O. Box 808, L-404, Livermore, California 94550, U.S.A.

*February*

4-7 II International Congress on Industrial Waste Water and Wastes, Stockholm, Sweden. Write: Secretariat, II Congress on Industrial Waste Water and Wastes, POB 5607, S-114 86 Stockholm, Sweden.

6-7 Symposium on Molecular Transitions and Relaxations, Midland, Michigan, U.S.A. Write: Symposium Secretary, Midland Macromolecular Institute, 1910 West St Andrews Drive, Midland Mich. 48640, U.S.A.

*March*

2-16 ICRO Training Course on Energy Transducing Membranes, Buenos Aires, Argentina.

2-8 EMBO International Intensive Study Programme on Molecular Neurobiology in vitro. Cologne. Write: Dr U. Wiesner, Max-Planck-Institut für Hirnforschung, 5 Köln 91 (Merheim), Ostmerheimer Strasse 200.

- 3-7 26th Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy, Pittsburgh, U.S.A. Write: Dr E. S. Hodge, Mellon Institute, 4400 Fifth Avenue, Pittsburgh, Pa. 15213, U.S.A.
- 4-7 International Conference on Low Light and Thermal Imaging Systems London, U.K. Write: Conference Department, Institute of Electrical, Engineers, Savoy Place, London WC2 0BL, U.K.

*April*

- 8-10 International Convention of the Institute of Electrical and Electronics Engineers. New York, U.S.A. Write: Mr D. Larson, IEEE Intercon. 3600 Wilshire Boulevard, Los Angeles, Calif. 90010, U.S.A.
- 9-11 European Conference on Temperature Measurement. Teddington, Middlesex, U.K. Write: The Meetings Officer, Institute of Physics, 47 Belgrave Square, London SW1X 8QX, U.K.

*May*

- 5-7 IUB/IUPAB Symposium on Structural Basis of Membrane Function, Tehran, Iran. Write: Dr Y. Hatefi, Department of Biochemistry, Scripps Clinic and Research Foundation. 476 Prospect Street, La Jolla, California 92037, U.S.A.
- 11-16 147th Meeting of the Electrochemical Society, Toronto, Ontario, Canada. Write: Mr V. H. Branneky, Electrochemical Society Inc., P.O. Box 2071, Princeton, N.J. 08540, U.S.A.
- 12-14 International Microwave Symposium, Palo Alto, California, U.S.A. Write: Conference Secretary, IEEE, 345 East 47th Street, New York, N.Y. 10017, U.S.A.

*June*

- Symposium on Polymerization of Heterocycles: Ring Opening, Lodz-Jablonna, Poland. Write: Professor St Penczek, Centre of Molecular and Macromolecular Studies. Polish Academy of Sciences, Ul Przedzainiana 72, PL 90-339 Lodz, Poland.
- 17-20 7th International Symposium on Cerebral Circulation and Metabolism, Aviemore, Scotland, U.K. Write: Wellcome Surgical Research Institute, University of Glasgow, Bearsden Road, Glasgow G61 1QH, Scotland, U.K.

*July*

- 1-4 IV Bratislava International Conference: Modified Polymers, Preparation and Properties, Bratislava, Czechoslovakia. Write: Dr A. Romanov, Polymer Institute, Slovak Academy of Sciences, Dubravská Cesta, CS-809 34 Bratislava, Czechoslovakia.

- 6-11 25th IUPAC Congress, Jerusalem, Israel. Write: Organizing Committee, 25th IUPAC Congress, POB 983, Jerusalem, Israel.
- 13-18 International Symposium on Macromolecules, Jerusalem, Israel. Write: Secretariat, IUPAC Symposium on Macromolecules, Aharon Katzir-Katchalsky Centre, Weizmann Institute of Science, Rehovot, Israel.
- 13-18 IX International Congress of Clinical Chemistry, Toronto, Canada. Write: Secretariat, IX International Congress of Clinical Chemistry, Toronto, Dominion Centre, POB 34, Toronto, Ontario MK5 1B7, Canada.
- 21-25 Conference on Dielectric materials, measurements and applications. Cambridge, U.K. Write: Conference Department, Institute of Electrical Engineers, Savoy Place, London WC2R 0BL, U.K.
- 22-24 International Symposium on Electromagnetic Compatibility, San Antonio, Texas, U.S.A. Write: Institute of Electrical and Electronics Engineers Inc., 345 East 47th Street, New York, N.Y. 10017, U.S.A.
- 21-25 XV Prague Microsymposium on Macromolecules: Degradation and Stabilization of Polyolefins, Prague, Czechoslovakia. Write: Organizing Committee, XV Prague Microsymposium on Macromolecules, Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Heyrovského Namesti 2, CS-163 06 Praha 6, Czechoslovakia.

### *August*

- 14-20 14th International Conference on Low Temperature Physics, Otaniemi, Finland. Write: LT 14, c/o Low Temperature Laboratory, Helsinki University of Technology, SF-02150, Otaniemi, Finland.
- 25-29 IV International Symposium on Carotenoids Berne, Switzerland. Write: Dr H. Pfander, University Institute of Organic Chemistry, Länggass-Strasse 7, CH-3012 Berne, Switzerland.
- 26-30 IV International Conference on Chemical Thermodynamics, Montpellier, France. Write: Professor M. Laffitte, Centre de Recherches de Microcalorimétrie et de Thermochimie, Centre National de la Recherche Scientifique, 26 Rue du 141 RIA F-13003 Marseille, France.

### *September*

- 9-11 International Symposium on Marine Natural Products, Aberdeen, U.K. Write: Professor R. H. Thomson, Department of Chemistry, University of Aberdeen, Meston Walk, Old Aberdeen AB9 2UE, U.K.
- 12-16 Round Table on Study and Applications of Transport Phenomena in Thermal Plasmas, Font Romeu, France. Write: Professor M. Foex, Laboratoire des Ultra-Refractaires, Centre National de la Recherche Scientifique, BP 5, Odeillo, F-66120, Font Romeu, France.
- 15-20 International Conference on Colloid and Surface Chemistry, Budapest, Hungary. Write: Professor E. Wolfram, Department of Colloid

Science, Lorand Eotvos University, Puskin U, 11-13, H-1088, Budapest, Hungary.

21-25 3rd International Symposium on the Immunology of Reproduction, Varna, Bulgaria. Write: Dr A. Eyquem, Institut Pasteur, 25 rue du Docteur-Roux, F-75 Paris 15e, France.

*October*

8-10 International Conference on Low Radioactivity Measurements and Applications, Strbske Pleso, High Tatras, Czechoslovakia. Write: Organizing Committee, International Conference on Low Radioactivity Measurements and Applications, Department of Nuclear Physics, Smeralova 2a, Bratislava, CSSR.

*December*

9-12 Conference on Magnetism and Magnetic Materials, Philadelphia, Pennsylvania, U.S.A. Write: Mr B. Stein, Univac Division, Sperry Rand, P.O.B. 500, Blue Bell, Penn. 19422, U.S.A.