

December 16
1987
Brussels

Belgian Biophysical Society, Royal Academy of Sciences

Biophysics of the Structure-Function Relationship of Membrane Proteins

Programme: Pfanner (München): Mechanisms of intracellular protein sorting with emphasis on mitochondrial protein import. Rosenbuch (Basel): Secondary and tertiary structure of integral membrane proteins. Dideberg (Liège): Use of protein engineering and X-ray diffraction to solve penicillin-binding protein structure. Michel (Martinsried): Structure of photosynthetic proteins and reaction centre at the molecular scale. Carmeliet (Leuven): Membrane proteins and ionic channels: strategies for studying ion channels. Stansfield (Leicester): Membrane proteins and ionic channels: mechanisms for controlling ion channels

Information: Koninglijke Academie voor Wetenschappen van Belgie, Academy House, Hertogstraat 1, B-1000-Brussels, Belgium

December 20–22
1987
London

British Biophysical Society Winter Meeting

Modern Microscopies

Topic: New development in x-ray, electron, acoustic and optical microscopy

Information: Prof. P. Duke, S.E.R.C. Laboratory, Daresbury, Warrington WA4 4AD or Dr. A. Michette, Physics Department, Kings College, Strand, London WC2, England

February 28–
March 3
1988
Phoenix
Arizona

32nd Annual Meeting of the Biophysical Society

Topics: (Symposia): Rhodopsin and bacteriorhodopsin; membrane receptors and channels; biophysical approaches; chemical dynamics of cytoplasm; smooth muscle contractility; new directions in DNA electrophoresis; NMR spectroscopy and imaging; biophysical studies of living systems; understanding the structures of DNA

Special Symposium: Women in biophysics

National Lecturer: Bruno Zimm, Electrophoresis of DNA

Information: Dr. Bennie R. Ware, 1988 Program Chair, Biophysical Society, 9650 Rockville Pike, Room 2503, Bethesda, Maryland 20814, USA

March 1–4
1988
Kiel

German Biophysical Society: Discussion Meeting

Static and Dynamic Light Scattering and Applications to Interacting Brownian Systems (SDLS)

Topics: Theory of Brownian motion; multiple scattering; aggregation; sample preparation; optical systems; photodetection; colloids; macromolecules; micelles; electrophoresis; fluorescence and index-matching techniques; colloid crystals

Information: Dr. K. Schaetzel, Institut für Angewandte Physik der Universität Kiel, Olshausenstraße 40, D-2300 Kiel-1, Federal Republic of Germany

March 20–22
1988
Königstein/Taunus

German Biophysical Society – Workshop Meeting

Mechanisms of Membrane Transport

Topics: Structure and dynamics of the lipid bilayer; phase transitions and lipid-protein interactions in model systems; ion-carriers and channels in lipid membranes; cell-cell channels; transduction mechanisms in photoreceptors; electric properties of light-driven pumps; energy conversion in photosynthetic membranes; mechanisms of coupling of ion-transport and ATP synthesis; electrical and chemical excitation in membranes

Information: Prof. D. Woerman, Institut für Physikalische Chemie, Universität Köln, Luxemburger Straße 115, D-5000 Köln 41, Federal Republic of Germany