International Biophysics Congress (8th) Held in Bristol, United Kingdom on 29 July-4 August 1984. Final Programme and Book of Abstracts.

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Corporate Author: BIOPHYSICAL SOCIETY BETHESDA MD

Personal Author(s): Peachey, Lee D


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Abstract: The scientific programme comprised four plenary lectures, twenty-eight symposia with invited speakers and oral presentations. Session topics included: Chemical and electrical regulation of ion channels; NMR in vivo; Polymorphism and structural transitions...
in nucleic acids; Food biophysics; Nucleic acid-protein interactions; Processing and control of visual information; Connective tissue and bone; Mechanisms of transport across membranes; Cytoskeleton; Chromatin structure and function; Structure of food biopolymers; Cross-bridge mechanisms and muscle contraction; Education in biophysics; Viruses; Folding, dynamics and solvation of macromolecules; Image reconstruction; Dissipative structures and pattern formation in biological systems; Photosynthesis; Medical imaging; Molecular evolution; Metal-proteins and electron transfer; Polysaccharides and glycoproteins; Electrostatic effects in protein function; Photo and auditory receptors; Applications of synchrotron radiation; Rheology of cell membrane; Electric field effects in cell membranes; Developments in microscopy; Environmental biophysics. This volume consists of abstracts of each days scientific contributions.

Descriptors: *CELLS (BIOLOGY), *SYMPOSIA, *BIOPHYSICS, IONS, FIBERS, MEMBRANES (BIOLOGY), NUCLEAR MAGNETIC RESONANCE, ENVIRONMENTS, BIOLOGY, CHEMICAL PROPERTIES, DYNAMICS, MOLECULES, STRUCTURAL PROPERTIES, POLYSACCHARIDES, BIOCHEMISTRY, PROTEINS, GLYCOPROTEINS, DISSIPATION, ELECTRIC FIELDS, OPTICAL DATA, ABSTRACTS, X RAYS, ELECTRICAL PROPERTIES, MICROSCOPY, TRANSPORT, PATTERNS, RHEOLOGY, MACROMOLECULES, TRANSITIONS, INTERNATIONAL, VISION, MUSCLES, SOLVATION, MEDICAL SERVICES, VIRUSES, IN VIVO ANALYSIS, ELECTRON TRANSFER, FOOD, RADIOGRAPHY, CHANNELS, ELECTROSTATICS, POLYMORPHISM, CONTRACTION, NUCLEIC ACIDS, CELL STRUCTURE, BONES, SYNCHROTRON RADIATION, CONNECTIVE TISSUE, LECTURES, PHOTO SYNTHESIS, EVOLUTION (BIOLOGY), FUNCTIONS, CHROMATIN, DATA PROCESSING, CONTROL

Subject Categories: Biology

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