

the physics community

AAPT develops modules for introductory physics

Sixteen issue-oriented instructional modules are now in production at the American Association of Physics Teachers. The modules, supported by a grant by the National Science Foundation, are instructional materials for introductory college physics classes on physics as it relates to current social issues. A total of 18 modules will be produced to cover topics from the six major subject areas of general physics: mechanics, heat and energy wave motion, electricity and magnetism, optics, and modern physics. Among the modules now in production are the following titles: The Physics of Auto Collisions; Wind Energy, Laser Communications; Solar Electric Power; Fission Reactors, and Earthquake Prediction.

The AAPT is seeking volunteers to field-test the modules in the 1979-80 academic year. Interested instructors should contact Modules Projects, AAPT, Graduate Physics Building, SUNY, Stony Brook, N.Y. 11794 for details and a complete list of modules.

IUPAP chooses new officers

The International Union of Pure and Applied Physics, at its 16th General Assembly in Stockholm last September, elected new officers for the 1978-1981 period.

On the Executive Committee, L. Sosnowski (Institute of Experimental Physics, University of Warsaw) is the new

president, succeeding Clifford C. Butler (University of Technology, Loughborough, UK), who becomes past president. Kai Siegbahn (Institute of Physics, University of Uppsala, Sweden) is the new first vice-president.

Other vice-presidents are Anatol Abragam (Collège de France, Paris), D. Allan Bromley (Physics Department, Yale), R. Kaischew (Institute of Physical Chemistry, Bulgarian Academy of Sciences), Isao Imai (Physics Department, Kogakuin University, Tokyo), Otfried Madelung (Institute for Theoretical Physics, Philipps Universität, Marburg, Federal Republic of Germany), P. Mazur (Department of Theoretical Physics, Instituut-Lorentz, Leiden, Netherlands), Y. A. Ossipyan (Solid-State Physics Institute, USSR Academy of Sciences) and D. Sette (Istituto di Fisica, Università di Roma). Larkin Kerwin (Université Laval, Québec) and Jan S. Nilsson (Institute of Theoretical Physics, Göteborg, Sweden) were elected, respectively, secretary-general and associate secretary-general.

The list below gives those elected as chairman and secretary, respectively, of each IUPAP Commission.

Symbols, Units and Nomenclature, and Atomic Masses

L. Villena (Madrid, Spain) and R. C. Barber (Physics Department, University of Manitoba, Winnipeg, Canada)

Publications

J. Hamilton (NORDITA, Copenhagen) and F. Stenman (Department of Physics, University of Helsinki, Finland)

Thermodynamics and Statistical Mechanics

Lev P. Gorkov (Institute for Physical

Problems, Moscow) and P. C. Hemmer (Institute of Physics, Norges Tekniske Høgskole, Norway)

Cosmic Rays

S. Miyake (Cosmic Ray Laboratory, University of Tokyo) and A. W. Wolfendale (Physics Department, University of Durham, UK)

Very Low Temperature Physics

D. F. Brewer (School of Mathematical and Physical Sciences, University of Sussex, UK) and Robert C. Richardson (Department of Physics, Cornell University)

Acoustics

Robert T. Beyer (Physics Department, Brown University) and B. L. Clarkson (Institute of Sound Vibration Research, The University, Southampton, UK)

Semiconductors

Cyril Hilsum (Physics and Electronics Department, Royal Radar Establishment, Malvern, UK) and R. Enderlein (Physics Department, Humboldt-Universität, East Berlin)

Magnetism

G. de Vries (Naturkundig Laboratorium, Universiteit van Amsterdam) and Mary Beth Stearns (Science Laboratory, Ford Motor Company, Birmingham, Michigan)

Solid-State Physics

Phillipe Nozières (Institut Laue-Langevin, Grenoble, France) and Henry Ehrenreich (Division of Applied Sciences, Harvard)

Particles and Fields

Edwin Goldwasser (vice-chancellor for research and dean of the Graduate College, University of Illinois at Urbana-Champaign) and P. Falk Vairant (CERN, Geneva)

Nuclear Physics

Fay Ajzenberg-Selove (Physics Department, University of Pennsylvania) and T. Mayer-Kuckuk (Institut für Strahlen- und Kernphysik der Universität Bonn)

Physics Education

Anthony P. French (Physics Department, MIT) and P. J. Kennedy (Department of Physics, University of Edinburgh)

Atomic and Molecular Physics and Spectroscopy

Arthur L. Schawlow (Physics Department, Stanford University) and C. Nordling (Institute of Physics, University of Uppsala)

Plasma Physics

Melvin B. Gottlieb (Plasma Physics Laboratory, Princeton University) and H. Wilhelmsson (Institute for Electromagnetic Field Theory, Chalmers University of Technology, Sweden)

Quantum Electronics

Benjamin Lax (Francis Bitter National Magnet Laboratory, MIT) and K. Junge (Central Institute of Optics, Academy of Sciences, East Berlin-Adlershof)



E. C. Kemble (left) and his former graduate student, John H. Van Vleck, toast each other at a Harvard family party in honor of Kemble's 90th and Van Vleck's 80th birthday.

E.B. BOATNER