

on energy levels and expectation values, variation and perturbation methods; dynamic applications: variational methods in scattering theory, bounds on phase shifts and generalized transition probabilities.

- 3, 4 • **Physics of Surfaces** □ APS NEW YORK SECTION □ Canisius College (J. J. Ruddick, S. J., Dept. of Physics, Canisius College, Buffalo, N. Y. 14208) 8/69

- 10, 11 • **Theoretical Physics** □ Syracuse U. (F. Rohrlach, Syracuse U., Dept. of Physics, Syracuse, N. Y. 13210) 8/69

- 30, 31 • **Statistical Mechanics** □ Northwestern U. (A. J. F. Siegert, Physics Dept., Northwestern U., Evanston, Ill. 60201) 8/69

NOVEMBER 1969

- 1 • □ AAPT MICHIGAN SECTION □ Calvin College (J. M. Barnes, Eastern Michigan U., Ypsilanti, Mich.) [10/69] 8/69

DECEMBER 1969

- 5, 6 • **Regge Poles** □ U. of California, Irvine (G. L. Shaw, Physics Dept., U. of California, Irvine, Calif. 92664) 8/69

- 15-18 • **Fall Meeting** □ AMERICAN GEO-PHYSICAL UNION □ San Francisco (J. C. Harrison, Dept. of Geological Sciences, U. of Colorado, Boulder, Colo. 80302) [9/69] 8/69

Topics: geodesy, seismology, meteorology, geomagnetism and paleomagnetism, oceanography, volcanology, geochemistry and petrology, hydrology, tectonophysics, planetology and solar-terrestrial relationships: aeronomy, magnetospheric physics, solar and interplanetary physics.

MARCH 1970

- 30-1 • **Physical Electronics Conference** □ U. OF WISCONSIN □ Milwaukee (D. Lichtman, U. of Wisconsin, Milwaukee, Wisc. 53201) [2/70] 8/69

APRIL 1970

- 7-10 • **Thermophysical Properties of Solids at High Temperatures** □

IPPS SOLID STATE PHYSICS SUB-COMMITTEE, BRITISH CERAMIC SOCIETY, SOCIETY OF CHEMICAL INDUSTRY □ Risley, Warrington (Meetings Officer, IPPS, 47 Belgrave Sq., London, S.W.1) [10/69] 8/69

- 11 • □ AAPT MICHIGAN SECTION □ Jackson Community College (J. M. Barnes, Eastern Michigan U., Ypsilanti, Mich.) [3/70] 8/69

- 21-24 • **Magnetics** □ MAGNETICS GROUP, IEEE □ Washington, D. C. (D. S. Shull, Jr, Bell Telephone Labs., 3300 Lexington Rd., Winston-Salem, N. C. 27102) 8/69

AUGUST 1970

- 30-6 • **Electron Microscopy** □ Grenoble, France (Secretary, Ecole normale sup. Lab. de Botanique, 24 rue Lhomond, 75-Paris 5^e, France) 8/69

SEPTEMBER 1970

- 7-12 • **Magnetism** □ Grenoble, France (W. C. Marshall, c/o Atomic Energy Research Establishment, Harwell, Didcot, England) 8/69

- 22-25 • **Reaction Transition States** □ SOCIÉTÉ DE CHIMIE PHYSIQUE □ Paris (Secrétariat Général, Société de Chimie physique, 10 rue Vauquelin, 75-Paris 5^e) 8/69

Topics: charged or neutral transition states in chemical dynamics.

OCTOBER 1970

- 21-23 • **Gaseous Electronics** □ APS DIVISION OF ELECTRON AND ATOMIC PHYSICS (R. H. Bullis, United Aircraft Research Laboratory, East Hartford, Conn.) 8/69

JUNE 1971

- 13-17 • □ ANS □ Boston (O. J. Du Temple, ANS, 244 E. Ogden Ave., Hinsdale, Ill. 60521) 8/69

OCTOBER 1971

- 19-22 • □ ASA □ Denver (J. E. White, Research Dept., Ohio Oil Co., Box 269, Littleton, Colo.) 8/69

AAPT Sets 1970 Competition For Short Teaching Films

The American Association of Physics Teachers committee on visual aids will hold its second film competition during the 1970 joint meeting with the American Physical Society. Open to any physics student or instructor, the competition will be judged on content and pedagogy with photographic technique secondary. The committee hopes to encourage the production of

short teaching films in 8-mm format.

Entries must be in 8-mm, not commercially available and not longer than five minutes. Six prizes will be awarded: one of \$200, two of \$100 and three of \$50. Deadline for submission is 1 Dec. For further information contact R. M. Grant Jr, Department of Physics, Denison University, Granville, Ohio 43023. □

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