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Instrumentation (July 28–August 1), includes image tubes, electron beam dosimetry, masers, solions, mass spectrometry, analog computers, and discussions on instrumentation techniques and new instruments.

Other conferences at Colby will include: Petroleum (June 9–13), Separation and Purification (June 16–20), Catalysis (June 23–27), Polymers (June 30–July 4), Textiles (July 7–11), Vitamins and Metabolism (July 21–25), Elastomers (August 4–8), Food and Nutrition (August 11–15), Medicinal Chemistry (August 18–22), Cancer (August 25–29).

New Hampton School

Physical Metallurgy (June 9–13), includes special techniques, dislocation studies, precipitation and 2nd phases, deformation and fracture, and oxidation and corrosion. Magnetic Resonance (June 30–July 4), includes high resolution NMR and allied instrumentation, nuclear magnetic relaxation, and studies involving free radicals and solids.

Also scheduled at New Hampton School are conferences on: Proteins and Nucleic Acids (June 16–20), Coal (June 23–27), Organic Coatings (July 7–11), Organic Reactions and Processes (July 14–18), Statistics in Chemistry and Chemical Engineering (July 21–25), Steroids and Related Natural Products (July 28–August 1), Radiation Chemistry (August 4–8), Analytical Chemistry (August 11–15), Inorganic Chemistry (August 18–22), and Chemistry of Adhesion (August 25–29).

Attendance at each conference will be limited to approximately 100 persons, and applications to attend a particular conference should be submitted at least two months prior to the date of the meeting. Requests for the required application forms or for additional information should be addressed to the director of the Gordon Research Conferences, W. George Parks, Department of Chemistry, University of Rhode Island, Kingston, R. I. (From June 9 to August 29 communications to Dr. Parks should be addressed to Colby Junior College, New London, N. H.)

Peaceful Uses of Atomic Energy

AUSTRALIAN universities, industries, and government departments, including the Australian Atomic Energy Commission, are cooperating in the sponsorship and planning of a symposium on the peaceful uses of atomic energy which is to be held June 2–6 in Sydney. The technical program will include scientific papers presented by contributors from Australia and abroad, with emphasis placed on the role that atomic energy is expected to play in the future development of Australia. Requests for other details should be directed to the General Secretary of the Symposium, AAEC Research Establishment, Private Mail Bag, Sutherland, New South Wales, Australia.

College Physicists Colloquium

LECTURES by prominent physicists on developments in contemporary physics and round-table discussions on the teaching of physics and other current problems of the physics-teaching profession will comprise the program for the Twentieth Annual Colloquium of College Physicists and the Associated June

Lectures to be held June 18-21 at the State University of Iowa in Iowa City. One evening during the meeting will be devoted to an exhibit of original demonstration equipment and other teaching devices prepared by the participants. Registration is without fee. Further information may be obtained from J. A. Van Allen, Department of Physics, State University of Iowa, Iowa City.

Semiconductors

EXPERIMENTAL and theoretical concepts of electronic processes in semiconductors will be treated at the 1958 Conference on Semiconductors, which is to be held August 18-22 at the University of Rochester, Rochester, N. Y. Both surface and volume effects will be considered, with the term "semiconductors" being broadly interpreted to include not only semiconducting elements and compounds but also other crystals where similar concepts of energy bands, impurity states, and carrier transport are of prime importance.

This year's conference is being sponsored by the International Union of Pure and Applied Physics and by the following government agencies: Air Force Office of Scientific Research, ARDC, Atomic Energy Commission, National Science Foundation, and Office of Naval Research. Additional support will be provided by various US industrial organizations. Two previous international semiconductor conferences have been held, the first in 1954 (Amsterdam) and the second in 1956 (Garmisch-Partenkirchen).

The 1958 Semiconductor Conference has been scheduled for the week prior to the Conference on Electron Properties of Materials at Low Temperatures at Geneva, N. Y. (August 25-29), to enable foreign scientists to attend both.

Those wishing to attend the conference on semiconductors are requested to file applications before May 1, which is also the deadline for those wishing to submit abstracts (200 words or less). The conference proceedings are to be published early in 1959 as a single issue of the *Journal of the Physics and Chemistry of Solids*. All correspondence with regard to the conference, including abstracts, should be addressed to the conference secretary, Malcolm H. Hebb, P. O. Box 1088, Schenectady, N. Y.; details concerning the Electron Properties Conference may be obtained from M. D. Fiske at the same address.

Atmospheric Diffusion and Air Pollution

ABOUT 60 scientists, including fluid dynamicists, meteorologists, mathematicians, and oceanographers, will be invited to attend an International Symposium on Atmospheric Diffusion and Air Pollution to be held August 24-29 in Oxford, England. The symposium will be jointly sponsored by the International Union of Theoretical and Applied Mechanics and the International Union of Geodesy and Geophysics and will include sessions on turbulent diffusion on trajectories of air particles and suspensions in the atmosphere, the transfer through the tropopause and at the earth's surface, and on air pollution patterns from point

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