

stages of constitutional change in metals and other materials, and their effects on mechanical properties. The meeting will be held at the National Physical Laboratory in Teddington on April 21 and 22, and will cover the following topics in eight review papers: thermodynamics of precipitation; x-ray, calorimetric, and resistivity measurements of heterogeneities in materials; nucleation of precipitates and zone formation in metals; crystallization in pyroceramics; and growth of crystalline units in polymers and deformed rubbers and their effects on mechanical properties.

Advance registration is necessary; further details and registration forms are available from the Meetings Officer, Institute of Physics and the Physical Society, 47 Belgrave Square, London, SW 1, England.

Isotopes

Large-scale production and application of radioisotopes will be discussed at a meeting to be held March 20 to 23 in Augusta, Ga., by the American Nuclear Society. The agenda schedules sessions on production, chemical processing, international programs, and applications of radiation and isotopic power. On the afternoon of the 23rd there will be a tour of the Atomic Energy Commission's Savannah River Plant. The contact for additional information is Dr. E. J. Hennelly, Savannah River Laboratory, Aiken, S.C. 29802.

Ionosphere

Ground-based aeronomic studies of the lower ionosphere will be the topic of a conference to be held April 11 to 15 in Ottawa. Jointly sponsored by the US Air Force Cambridge Research Laboratories and the Canadian Defense Research Telecommunications Establishment, the meeting succeeds similar conferences held in 1963 and 1965. Emphasis this year will be on ground-based experiments involving such techniques as cross modulation, partial reflection, and long-wave propagation. Further information can be obtained from W. Pfister, Upper Atmosphere Physics Laboratory, L. G. Hanscom Field, Bedford, Mass.

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