

Nuclear Fuel Elements

ANALYSES of various types of fuel elements, fabrication techniques, corrosion problems, irradiation and cladding problems, engineering for low-cost fabrication, and economic considerations are some of the topics to be included in the First International Symposium on Nuclear Fuel Elements. The meeting is to be held January 28-29 at Columbia University under the joint sponsorship of Columbia and Sylvania-Corning Nuclear Corporation. Members of the symposium Committee include Maxwell Gensamer and George L. Kehl of the Columbia University School of Mines and Stanley B. Roboff and Leonard Smiley of Sylvania-Corning. The Committee's secretary, from whom further information may be obtained, is Dr. Henry H. Hausner, 730 Fifth Ave., New York 19, N. Y.

Millimeter Waves

HIGHLIGHTING the present state of millimeter-wave research and applications, the 9th international symposium of the Polytechnic Institute of Brooklyn will be held March 31-April 2 at the Engineering Societies Building in New York. Cosponsored by the Air Force Office of Scientific Research, US Army Signal Research and Development Laboratory, Office of Naval Research, and Institute of Radio Engineers, the symposium will include invited and contributed papers on the interaction of millimeter waves and materials, solid-state active millimeter circuits, millimeter electron tubes, radiating circuits and antennas, coupled line, multimode, and nonconventional transmission systems, millimeter components, millimeter circuit measurement techniques, and related topics. The closing date for submission of papers and/or 100-word abstracts is January 30; these, as well as requests for further information on the symposium, should be sent to Prof. Herbert J. Carlin, Microwave Research Institute, 55 Johnson Street, Brooklyn 1, N. Y.

Radio-Frequency Spectroscopy

MOLECULAR and atomic motions in solids and liquids by radio-frequency methods is the subject of a joint meeting of the British Radio-Frequency Spectroscopy Group and the Groupement AMPERE to be held April 1-3 at Queen Mary College, University of London, England. In addition to 15-minute contributed papers (in French or English), the following introductory invited papers will be presented: "Dielectric Theory" by H. Fröhlich (Liverpool), "Motional Effects in Magnetic Resonance and Interrelations with Dielectrics" by J. G. Powles (London), "Les Effets de Mouvements moléculaires dans la Résonance quadrupolaire nucléaire" by M. Buyle-Bodin (Grenoble), and another paper to be announced.

All papers will be published in a special number of *Archives des Sciences*. Application forms necessary for attendance at the conference and further information may be obtained from Dr. J. G. Powles, Queen Mary College, University of London, London, England.

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