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limited to about one hundred persons. Requests for application forms and other correspondence should be sent to W. George Parks, Director, Gordon Research Conferences, University of Rhode Island, Kingston, R. I. After June 15, Dr. Parks can be reached at Colby Junior College, New London, N. H.

Radiation Biology

The twelfth annual meeting of the Radiation Research Society will be held May 18 to 20 at the Hotel Fontainebleau in Miami Beach, Fla. A program of invited papers will cover radiation and water, cellular reactivation and recovery mechanisms, and cell renewal systems and tissue radiation sensitivity. Shorter contributed papers will deal with radiation physics and chemistry, macromolecular effects, cellular radiobiology, radiation physiology, general effects in higher organisms, and theoretical radiation biology.

Inquiries should be addressed to Dr. G. D. Adams, Radiological Laboratory, University of California Medical Center, San Francisco, Calif. 94122.

Mass Spectrometry

Committee E-14 of the American Society for Testing and Materials will hold the 1964 Conference on Mass Spectrometry and Allied Topics at McGill University in Montreal, from June 7 through 12. The program will consist of contributed papers and four half-day symposia: basic instrumental advances; mass-spectral studies of free radicals, atoms, and excited molecules; analytical developments and problems; and techniques of mass spectroscopy of solids.

Correspondence should be addressed to Dr. N. D. Coggeshall, Gulf Research and Development Company, PO Drawer 2038, Pittsburgh, Pa.

Vacuum Technology

The Vacuum Metallurgy Division of the American Vacuum Society will hold its annual conference on June 29 and 30 at the Barbizon Plaza Hotel in New York City. The theme for this

meeting will be vacuum technology in materials processing, and a session planned on this topic will include papers on system design, operation, and control. Other sessions are expected to cover vacuum melting, degassing, and fabrication; solid-state refining and processing, and processing in high vacuum.

Inquiries should be sent to M. A. Cocca, General Electric Company Research Laboratory, PO Box 1088, Schenectady, N. Y. 12301.

Dielectrics

The Department of Electrical Engineering of the Massachusetts Institute of Technology is sponsoring a conference on the structure and properties of dielectric materials on June 16 and 17. The conference is dedicated to A. R. von Hippel on the occasion of his becoming Institute Professor Emeritus, and a dinner honoring Professor von Hippel is planned for the evening of June 16.

The technical program will include several invited papers and approximately a dozen contributed papers. Emphasis will be on inorganic materials, including magnetic oxides. Brief abstracts, of length sufficient for evaluation, should be submitted on or before May 1.

All correspondence should be directed to Prof. D. J. Epstein, Room 10-139, Department of Electrical Engineering, Massachusetts Institute of Technology, Cambridge 39, Mass.

Reliability Physics

The Rome Air Development Center and the IIT Research Institute (formerly known as the Armour Research Foundation) will jointly sponsor the third annual Symposium on the Physics of Failure in Electronics. The meeting, to be held in Chicago from September 29 to October 1, will cover the fundamental physical and chemical principles contributing to the degradation of electronic parts and materials.

Requests for additional information should be directed to Morton Goldberg, Symposium Co-chairman, IIT Research Institute, 10 West 35th Street, Chicago, Ill. 60616.