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with a lecture on phase determination by W. Hoppe. The remainder of the program will include the following papers: Low-Temperature Structure Analysis, C. S. Barrett; Structure Imperfections, H. Jagodzinski; Symmetry, B. N. Delaunay; Electron Microscopy as a Means for Structure Analysis, H. Ruska; and Automatic Instrumentation, R. Pepinsky.

Additional information concerning the meetings can be obtained by contacting the chairman of the local committee, Dr. F. Bopp, Institute for Theoretical Physics, University of Munich, Schellingstrasse 4–8, Munich 13, Germany.

Electromagnetic Scattering

PREREGISTRATION by May 15 is required for attendance at an interdisciplinary conference on electromagnetic scattering which will be held August 13–15 at Clarkson College of Technology under the sponsorship of the American Chemical Society's Division of Colloid and Surface Chemistry and the Air Force Cambridge Research Laboratories. Participants in the conference are expected to include astronomers, chemists, mathematicians, physicists, meteorologists, radio engineers, geophysicists, biochemists and other scientists working in one or another area of the field.

The program lists sessions on scattering by spherical particles, scattering by nonspherical particles, scattering by charged species in solution, interactions in solids and liquids as determined by electromagnetic scattering, and multiple and incoherent scattering. As much time as possible will be allowed for discussion. Preregistration forms and further information can be obtained from M. Kerker, Clarkson College of Technology, Potsdam, N. Y.

Electromagnetic Measurements

SPONSORED jointly by the Radio Standards Laboratory of the National Bureau of Standards, the Professional Group on Instrumentation of the Institute of Radio Engineers, and the Instrumentation Division of the American Institute of Electrical Engineers, the 1962 Conference on Precision Electromagnetic Measurements will be held August 14–16 in Boulder, Colo.

Formerly called the Conference on Standards and Electronic Measurements, the meeting will be concerned with the strictly technical aspects of electromagnetic measurement. The title of the 1962 meeting was changed in order to emphasize the basic goal: the advancement of standards and accuracy throughout the coherent frequency spectrum. In addition, it is planned to give more emphasis this year to the impact of quantum electronics and space physics on electromagnetic measurements.

As in previous conferences, it is expected that the papers presented will be published in an issue of the *IRE Transactions on Instrumentation*. Specific areas