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### Weak and Strong Interactions

A CONFERENCE on the Theory of Weak and Strong Interactions will be held June 14–16 at the University of California's School of Science and Engineering in La Jolla. Invitations have been issued to a small group of people actively working in the field. Sponsored by the International Union of Pure and Applied Physics, the National Science Foundation, and the Office of Naval Research, the conference has an organizing committee consisting of K. A. Brueckner and G. F. Chew of the University of California, R. P. Feynman and M. Gell-Mann of the California Institute of Technology, and M. Goldberger of Princeton University. For further information write to Thomas A. Manar, University of California, La Jolla, Calif.

### Macromolecular Chemistry

FIVE main areas for discussion are listed in the provisional program of the International Symposium on Macromolecular Chemistry, which is to take place from July 27 to August 1 at the Queen Elizabeth Hotel in Montreal, Canada. They are: (1) *high polymers in solution*—solution properties and polymer-solvent interaction, molecular weight and molecular weight distribution, techniques of characterization in solution, and configurational behavior; (2) *properties of solid polymers*—transition temperatures, crystal structure, crystallization, orientation, rheology, and various physical, mechanical, or electrical properties; (3) *polymerization*—polymerization reactions in relation to free radical, ionic, and coordinate catalysts, activators, modifiers, retarders, inhibitors, mechanisms and kinetics, emulsion, solution, bulk, suspension polymerization, polycondensations, and inorganic polymers; (4) *high-polymer reactions*—polyelectrolytes, polyampholytes, ion exchange, derivatives and chemical reactions, degradation, and cross-linking and vulcanization; and (5) *natural colloids*—water-soluble or water-swollen systems and model systems simulating natural systems, such as proteins, polyelectrolytes, and nucleic acids.

Papers concerned primarily with the applied aspects of the relationship between chemical structure and the physical, mechanical, electrical, or rheological properties of polymers may be referred to the Program Committee of the International Congress on Pure and Applied Chemistry which will be held in Montreal following the Macromolecular Chemistry Symposium.

In addition to the technical sessions, many of which will be held in parallel, there will be one plenary lecture on recent trends in polymer chemistry by H. F. Mark of the Polytechnic Institute of Brooklyn. A number of review papers will be integrated into sessions appropriate to the lecture subject and no two sessional lectures will be scheduled concurrently. It is planned that the plenary and sessional lectures will be published in a collective volume and that the technical papers will be published in the *Journal of Polymer Science*.

Persons interested in attending the meeting should request registration forms from the Organizing Com-