

**POLYMER NEWS****GORDON RESEARCH CONFERENCES**

The following sessions are of special interest to readers of *Journal of Applied Polymer Science*:

**Polymers** (Colby Junior College): F. P. PRICE, Chairman; S. BYWATER, Vice Chairman.

- July 6.* H. MARK. Recent Advances in Polymer Research.  
J. LAL. Stereoregular Polymerization of Vinyl Alkyl Ethers with Metal Sulfates.  
J. STILLE. Aromatic Polymers.  
S. KANTOR. Aromatic Polyesters.
- July 7.* F. DAINTON. Interactions Between Polymer Radicals and Metallic Compounds.  
J. MOORE. Permeation Chromatography.  
J. FURUKAWA. Stereoregular and Asymmetric Polymerization of Aldehydes and Cyclic Ethers.  
W. COOPER. The Influence of Electron Donors on Stereoregular Diene Polymerization.
- July 8.* A. KELLER. Configurations of Polymer Crystals from Solution and Melt and Their Relevance to the Crystallization Process.  
H. D. KEITH. Crystallization of Polymers from the Melt.  
S. BLUESTONE. Monte Carlo Calculations of Linear Polymer Dimensions at Finite Concentrations.  
F. VERDIER. Monte Carlo Studies of Polymer Chain Dynamics.
- July 9.* C. HUGGINS. Charge Transport in Organic Solids.  
M. LABES. Electrical Properties of Organic Solids Including Charge-Transport Complexes and Conducting Polymers.  
W. GILBERT. Mechanism of Protein Synthesis.
- July 10.* A. KOVACS. Dilatometric and Optical Investigations of Transitions in Block Copolymers.

**Textiles** (Colby Junior College): D. DONALD GAGLIARDI, Chairman; B. S. SPRAGUE, Vice Chairman.

- July 13.* H. D. WEIGMANN. Chemo-Mechanics of Keratin Fibers.  
E. MENEFEFEE. Thermally Induced Structural Changes in Wool.

- July 14.* H. F. MARK. New Materials, New Concepts for Progress in Textile Application of Polymers.  
A. A. ARMSTRONG. Irradiation Induced Grafting of Monomers to Textile Fibers.
- July 15.* W. J. HAMBURGER. The Effect of Environmental Changes on Micro Strains in Textiles.  
A. J. ROSENTHAL.  $TE^{1/2}$ , An Index for Relating Fiber Tenacity and Elongation.
- July 16.* C. H. GILES. The Light Fading of Dyed Fibers.  
H. R. BILLICA. Kinetics of Soil Detergency From Synthetic Fiber Substrates.
- July 17.* H. PEPPER. Surface Chemical Characteristics in Soiling and Soil Removal.

**Elastomers** (Colby Junior College): M. L. STUDEBAKER, Chairman; J. REID, SHELTON, Vice Chairman.

- July 20.* S. L. AGGARWAL, LEON MARKER, W. L. KOLLAR, and R. GEROCH. Melting and Crystallization of Stereoregular Polymers: Characterization of Stereo-sequence Length and Effect of Stereo-sequence Length on Crystallization Kinetics of Propylene Oxide Polymers.  
M. C. MORRIS. Finite Chain Extensibility and Surface Energy as Factors in the Elastic Behavior of Rubber.  
THOR L. SMITH. Characterization of Ultimate Tensile Properties.
- July 21.* A. N. GENT. Crystallization in Oriented Polymer Networks.  
A. G. THOMAS. The Strength of Rubbers.  
B. C. BARTON. Some Interesting Aspects of Flex Cracking.
- July 22.* J. R. BEATTY. Fatigue of Rubber.  
R. H. SNYDER. Groove Cracking in Modern Tires and Factors which Influence It.  
J. R. SHELTON, Discussion Leader.  
R. H. ROSENWALD and H. E. WIEDITZ. Cracking in Rubber Vulcanizates.
- July 23.* R. E. DAVIS. Basic Mechanistic Postulates for Correlation of Reaction of Mechanisms of Sulfur Compounds.  
C. G. MOORE. The Chemistry of Vulcanization of Natural Rubber.  
D. J. BUCKLEY and R. L. ZAPP. Polymer Compatibility as Measured by Phase Separations.
- July 24.* M. BRUZZONE, G. CORRADINI, A. DECHIRICO, E. PAULUZZI, and G. GIULIANI. Thermal Crosslinking of *cis*-Polybutadiene at High Temperatures.  
M. J. BROCK, L. J. GAETA, and D. L. JIVIDEN. Thermal Decomposition of Polymers.