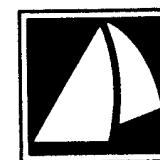


- 9:05 **J. W. Barlow** - University of Texas
"Prediction of Polymer - Polymer Miscibility with a Group Contribution Method"
- 9:35 **J. E. Harris** - Amoco Performance Products
"Blends of Poly(arylether ketones) with Other Engineering Polymers"
- 10:05 **Coffee Break**
- 10:15 **A. Natansohn**, Presiding
- 10:20 **J. S. Higgins** - Imperial College
"Miscibility and Phase Separation in Partially Compatible Polymer Blends"
- 11:10 **A. Eisenberg** - McGill University
"Control of Ionomer Properties Via Aggregate Modification"
- 12:00 **H. Q. Xie** - Hubei Research Institute of Chemistry
"Blends of Sulfonated EPDM Ionomers with Several Kinds of Polymers"
- Tuesday Evening**
- 5:00 **R. M. Ikeda** - Du Pont
Chairman, Division of Polymer Chemistry
"Perspectives on The Contributions of Walter H. Stockmayer"
- 5:20 **W. H. Stockmayer** - Dartmouth College
Division of Polymer Chemistry Award Lecture
"Phase Equilibrium in Polymer Systems"
- 6:30 **AWARD RECEPTION**
Chamber Music: W. Stockmayer, W.J. MacKnight and B. Zimm playing Mozart and Handel.
(see separate program)
- 8:00 **AWARD BANQUET**
Wednesday Morning, Nov. 23
- 7:00 **Breakfast**
- 8:00 **R. A. Weiss**, Presiding
- 8:05 **C. E. Williams** - University of Paris
"Structural Studies of Double Tip Ionomers"
- 8:55 **T. A. Witten** - Exxon Research and Engineering
"Theory of Stress Distribution in Block Copolymer Microdomains"
- 9:25 **Coffee Break**
- 9:40 **D.M. Braunstein**, Presiding
- 9:45 **L. H. Sperling** - Lehigh University
"Interpenetrating Polymer Network Phase Separation Kinetics, Thermodynamics, and Morphology"
- 10:35 **E. M. Pearce** - Polytechnic University
"Hydrogen Bonding Interaction in Interpenetrating Polymer Networks"
- 11:05 **W. P. Gergen** - Shell Development
"Thermoplastics IPN Blends"
- 11:35 **B. M. Culbertson**, Concluding Remarks



INTERNATIONAL SYMPOSIUM
ON
MULTIPHASE MACROMOLECULAR
SYSTEMS
AT
THE 14TH BIENNIAL MEETING
OF
THE DIVISION OF POLYMER CHEMISTRY
American Chemical Society
NOVEMBER 19 - 23, 1988



KONA KAI Beach & Tennis Resort
San Diego, California

Chairman
Dr. B. M. Culbertson

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The support of the Dow Chemical Company for the Division of Polymer Chemistry Award is gratefully acknowledged.

14th BIENNIAL POLYMER MEETING

PROGRAM

Saturday Evening, Nov. 19

3:00 - 9:00 P.M.

6:00 - 8:00 P.M.

Registration
Welcoming Reception

Sunday Morning, Nov. 20

7:00 **Breakfast**

8:30 **B. M. Culbertson** - General Chairman - Opening Remarks

8:35 **T. E. Helminiak**, Presiding

8:40 **M. Takayanagi** - Kyushu Sangyo University
"Modified and Unmodified Rigid Rod Molecules of Aramid Type For Various Composites"

9:30 **J. K. Stille** - Colorado State University
"Molecular Composites from Rod and Flexible Polyquinolines"

10:20 **Coffee Break**

10:35 **L. J. Mathias**, Presiding

10:40 **R. C. Evers** - Air Force Wright Aeronautical Laboratories
"Synthesis Approaches for the Dispersion of Reinforcement in Molecular Composites"

11:10 **P. D. Calvert** - University of Sussex
"Composites by In-Situ Particle Growth in Polymers"

11:40 **R. K. Eby** - The Johns Hopkins University
"Characterization of Blends, Alloys and Molecular Composites by Photo-Thermal and Ultrasonic Imaging"

Sunday Afternoon-Evening

4:00 **M. E. Galvin**, Presiding
POSTER SESSION #1—Refreshments (see separate program)

7:30 **B. Gordon**, Presiding

7:35 **R. P. Quirk** - University of Akron
"Compatibilizing Agents: Block Copolymers From End-Functionalized Polymers"

8:15 **M. H. Litt** - Case Western Reserve University
"Characterization of Surface Properties of Phenyl and Undecyl Oxazoline Block Copolymers"

8:45 **J. A. Simms** - DuPont Company
"Methacrylate Star Polymers For Elastomer Reinforcement"

Monday Morning, Nov. 21

7:00 **Breakfast**

8:30 **L. M. Robeson**, Presiding

8:35 **J. E. McGrath** - Virginia Polytechnic Institute
"Synthesis of Well Defined Block and Graft Copolymer Materials"

9:25 **G. G. Cameron** - University of Aberdeen
"Vinyl Polymers with Heteroatom Graft Chains"

10:15 **Coffee Break**

10:30 **L. A. Belfiore**, Presiding

10:35 **D. W. Dwight** - Lehigh University
"Surface Segregation and Microphase Separation in Siloxane-Containing Multiblock Copolymers and Blends"

11:05 **C. D. Eisenbach** - University Bayreuth
"New Insights in the Structure and Properties of Segmented Polyurethane Elastomers from Non-Hydrogen Bond Forming Model Systems"

11:55 **J. P. Runt** - The Pennsylvania State University
"Miscibility and Co-Crystallization in Mixtures of Poly(butylene terephthalate) and Poly(ester-ether) Segmented Block Copolymers"

Monday Afternoon

1:45 **P. C. Juliano**, Presiding

1:50 **T. Hashimoto** - Kyoto University
"Mechanism and Dynamics in Ordering Process of Polymer Blends at Phase Transition"

2:40 **H. P. Schreiber** - University of Montreal
"Specific Interactions and Some Properties of Vinyl Polymer Systems"

3:10 **Coffee Break**

3:20 **T. S. Ellis**, Presiding

3:25 **G. Groeninckx** - University of Leuven
"Crystallizable Ternary Polymer Blends. Phase Behavior and Morphological Characterization of Blends of Polycaprolactone, Poly(styrene-co-acrylonitrile) and Poly(styrene-co-maleic anhydride)"

3:55 **J. R. Campbell** - General Electric
"Copolymer Structural Requirements for Effective Compatibilization of Poly(2,6-dimethyl-1,4-phenylene) Oxide/Polyolefin Blends"

4:25 **R. J. Gaymans** - University of Twente
"Toughening Mechanism in Polyamide-Rubber Blends"

4:55 **K. R. Shah** - Hercon Laboratories
"Novel Two-Phase Polymer Systems- An Overview"

Monday Evening

7:30 **M. E. Galvin**, Presiding
POSTER SESSION #2—Refreshments (see separate program)

Tuesday Morning, Nov. 22

7:00 **Breakfast**

8:30 **J. Noolandi**, Presiding

8:35 **F. E. Karasz** - University of Massachusetts
"High Temperature Miscible Polymer Blends"

14th BIENNIAL POLYMER MEETING

International Symposium on Multiphase Macromolecular Systems

San Diego, California - November 19-23, 1988

Saturday Evening, Nov. 19

6:00-7:30 Reception/Registration

8:00 Dinner

Sunday Morning, Nov. 20

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8:40 M. Takayanagi - Kyushu Sangyo University
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"Molecular Composites from Polyquinoxalines"

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