

Ionic Polymerization

J. W. Mays and R. F. Storey, editors
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This volume contains key papers presented at the **International Symposium on Ionic Polymerization**, held 30 June–4 July 2003 in Boston, Massachusetts, under the auspices of IUPAC. This meeting featured a series of invited and contributed papers and posters, covering the areas of anionic, cationic, and related polymerization processes. Attendees included most of the leading experts in this field, from academia and industry, as well as a significant number of younger scientists and students. The papers deal with these polymerization systems in the broadest sense, with contributions ranging from new syntheses to mechanistic studies to applications.

Following is a sampling of the paper topics that appear in this issue:

- “Aluminate and Magnesiate Complexes as Propagating Species in the Anionic Polymerization of Styrene and Dienes,” by Alain Deffieux, Larisa Shcheglova, Anna Barabanova, Jean Marc Maréchal, Stephane Carlotti
- “Design and Synthesis of Functionalized Styrene-Butadiene Copolymers by Means of Living Anionic Polymerization,” by Mayumi Hayashi
- “Novel Cationic Ring-Opening Polymerization of Cyclodextrin: A Uniform Macrocyclic Monomer with Unique Character,” by Masato Suzuki, Osamu Numata, Tomofumi Shimazaki
- “Wavelength Flexibility in Photoinitiated Cationic Polymerization,” by Yusuf Yagci
- “Ring-Opening Polymerization of the Cyclic Ester Amide Derived from Adipic Anhydride and 1-Amino-6-hexanol in Melt and in Solution,” by Thomas Fey, Helmut Keul, Hartwig Höcker
- “Recent Developments in the Ring-Opening Polymerization of ϵ -Caprolactone and Derivatives Initiated by Tin(IV) Alkoxides,” by Ph. Lecomte, F. Stassin, R. Jérôme

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Polymers

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The biennial **Pacific Polymer Conference** is the official conference co-hosted by the Pacific Polymer Federation (PPF) and the polymer organization of the host country. The PPF was founded in 1987 to encourage and facilitate interactions among polymer organizations of member countries from the Pacific region.

Current country members are Australia, Canada, Chile, China, Hong Kong, Indonesia, Japan, Korea, Malaysia, Mexico, New Zealand, Singapore, Taiwan, Thailand, the United States (ACS and APS), and Vietnam. Since the establishment of the PPF, the Pacific Polymer Conference has already taken place on eight occasions.

The most recent Pacific Polymer Conference, held 24–27 November 2003 in Bangkok, Thailand, was a tremendous success in terms of the number of scientific contributions—around 440 oral and poster presentations—and the number of attendees—around 350 from 31 countries. The scientific programs of the conference consisted of one symposium on hydrogels and nine sessions on functional and synthetic polymers, natural and green polymers, polymer blends and composites, polymer colloids and

interfaces, polymer engineering, processing, and characterization, polymer crystallization and structural development during processing, elastomers and rubbers, macromolecular architecture, and industrial and imaging polymers.

The selected papers presented in this special volume of *Macromolecular Symposia* are representatives of the quality and scientific merit of all of the contributions to the PPC-8.

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