

Advanced Polymers via Macromolecular Engineering

5-8 September 2011
Cappadocia, Turkey

APME 2011, IUPAC 9th International Conference on Advanced Polymers via Macromolecular Engineering, will be held at the Dedeman Cappadocia Hotel & Convention Center, Cappadocia, Turkey, 5-8 September 2011. Many distinguished scientists have been invited to deliver lectures and short communications. Poster presentation will be an important part of the program.

The symposium will cover the following topics:

1. **Macromolecular Design and Applications:** Radical, Ionic, Living Polymerization, Related Processes, Ring-Opening and Coordination Polymerization, Metallocene and Ziegler-Natta Systems, New Progress of Olefin, Diene and Vinyl Polymerization, Polymer Reactions, All Aspects of Polymer and Monomer Synthesis and Applications, Block and Graft Copolymers, Energy and Light-Induced Processes
2. **Macromolecular Architecture:** New Molecular Architecture, Star Polymers, Hyperbranched

Polymers, Dendrimers, Supramolecular Assembly, Macromolecular Thin Films, Molecular Composites and Assemblies, Inclusion Complexes

3. **Functional Polymers:** Functional and Telechelic Polymers, Electroactive and Photoactive Polymers, Polymers with Specific Functions, Liquid Crystalline Polymers, Polymer Membranes
4. **Bio-Related and Medical Polymers:** Bioactive and Bicompatible Polymers, Polymers for Medical Uses, Polymer Drug Carriers, Natural Polymers, Advanced Implants and Tissue Engineering
5. **Polymer Blends and Composites:**
6. **Structure and Properties of Polymers**
7. **Advances in Polymer Characterization and Modeling of Polymers:** Modern and Analytic Techniques, Spectroscopic, Chromatographic, and Microscopic Methods, Thermal Analysis Methods, X-Ray Techniques, Analysis and Properties via Molecular Modeling, Designed Polymers via Molecular Modeling of Chemical Reactions

See Mark Your Calendar on page 41 for contact information.

 <http://apme2011.itu.edu.tr>

Butlerov's Congress

18-23 September 2011
Kazan, Russia



The **International Congress on Organic Chemistry**, dedicated to the outstanding Russian chemist Alexander Butlerov (Butlerov's Congress), will be held 18-23 September 2011 in Kazan, Russia. Alexander Butlerov is one of the founders of the modern theory of the chemical structure of organic compounds. On 19 September 1861 A. Butlerov delivered his report "On Chemical Structure of Substances" at the Congress of German Physicians and Naturalists in Speier (Germany), in which he developed new concepts of the structure of organic compounds. Butlerov's Congress is devoted to the 150th anniversary of this remarkable event.

Alexander Butlerov was one of the most gifted graduates of Kazan University and later one of its professors. Professor Butlerov gave his first lectures on the theory of chemical structure at Kazan University. For that reason Butlerov's Congress will be held in Kazan. Historians call Kazan "a cradle of Russian

organic chemistry" because Kazan University, founded in 1804, was where many outstanding Russian scientists whose research now comprises the "gold fund" of the world's chemical science worked; these scientists include K.K. Klaus, N.N. Zinin, A.M. Butlerov, V.V. Markovnikov, A.M. Zaitsev, F.M. Flavitsky, E.E. Vagner, S.N. Reformatsky, A.E. Arbuzov, and B.A. Arbuzov.

Butlerov's Congress is planned as a worldwide forum for presentation of major advances in organic chemistry in all fields. We look forward to welcoming some 500 scientists, both distinguished chemists and young scientists, from all regions of the world and hope that many scholars of international repute will present their most recent findings at Butlerov's Congress. We look forward to seeing you in September 2011!

 www.butlerov-iopc.com