



August 10-15 août 2003  
Ottawa, Canada

# 39<sup>th</sup> IUPAC Congress and 86<sup>th</sup> Conference of the Canadian Society for Chemistry 39<sup>e</sup> Congrès de l'IUPAC et 86<sup>e</sup> conférence de la Société canadienne de chimie

## Plenary Speakers / Conférenciers

Jean Fréchet, University of California, Berkeley  
John C. Polanyi, University of Toronto  
Richard E. Smalley, Rice University, Houston

## Chemistry at the Interfaces

## La chimie aux interfaces

### Symposia

3M Teaching Fellows  
Activation of Small Molecules by Early Transition Metals  
Advanced Spectroscopic Techniques for Characterization of Organometallics.  
Biogeochemistry of Metals in the Environment  
Canadian Participation in IUPAC  
Carbohydrates and Chemical Glycobiology  
Catalytic Asymmetric Synthesis  
Chemistry of Nucleic Acids  
Combinatorial Chemistry  
Controlling Self Assembly in Macromolecular Systems: From Nature to Chemistry to Functional Properties  
Coordination Chemistry: From Hydrogen-Bonding to Metal-Organic Materials.  
Crystal Engineering: Supramolecular Synthesis of Advanced Materials  
Designed Surfaces/Interfaces for Catalysis and Separation.  
Environmental Quality and Human Health in the 21st Century  
Frontiers in Genomics and Proteomics  
Frontiers of Electrochemistry  
GMO Analysis-What's Needed? What's Possible?  
Green Chemistry  
Mechanisms in Homogeneous Catalysis.

Metal and Metalloid Containing Macromolecules.  
Metalloproteins and Metals in Medicine  
Modeling and Design of Polymerization Processes  
Nanoparticles and Carbon Nanotubes  
Natural and Artificial Chemosensors  
New Directions in Metal-Chalcogen Chemistry: From Molecules to Materials  
NMR and MRI of Materials  
Organic Synthesis and Chemical Biology  
Polymers in Electronics and Photonics: Synthesis, Characterizations and Device Applications  
Proton Tunneling at Work: Bio, Nano, Opto  
Public Image of Chemistry  
Radicals in Chemistry and Biology  
Recent Advances in Living Polymerizations  
Recent Developments in Physical Organic Chemistry  
Stereoselective Organic Synthesis  
Supramolecular Chemistry and Self Assembly  
Surface Phenomena in Polymers  
Symposium in Honour of Arthur Carty  
Synchrotron Radiation and the Canadian Light Source  
Theoretical Chemistry Applied to the Environment  
Women Chemists: Past, Present and Future

### Site and Date

The 39<sup>th</sup> IUPAC Congress and 86<sup>th</sup> Conference of The Canadian Society for Chemistry will be held at the Ottawa Congress Centre, as well as at the Westin Hotel, Ottawa, Canada from **August 10-15, 2003**.

### Lieu et date

Le 39<sup>e</sup> Congrès de l'IUPAC et la 86<sup>e</sup> conférence de la Société canadienne de chimie auront lieu au Centre des congrès d'Ottawa, ainsi qu'à l'Hôtel Westin à Ottawa, au Canada, du 10 au 15 août 2003.

### Congress President / Président du congrès

Alex McAuley, University of Victoria

### Chair, Program Committee / Président du comité du programme

Bryan Henry, University of Guelph

### Secretariat / Secrétariat

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