



List of Plenary, Banquet, and Keynote Lectures

(this list was updated on August 16, 2009; the speakers are listed in alphabetical order)

Plenary Lectures

Richard Chambers, University of Durham

Footsteps of a Fluorine Chemist

Karl Christe, University of Southern California

Never Say No to a Challenge

Darryl DesMarteau, Clemson University

You Win Some and You Lose Some: The Winners Are Mostly a Matter of Public Record but You Probably Do Not Know about the Losers

Herbert Roesky, Universität Göttingen

Preparation of Compounds with Low Valent Elements of Group 14

Ilhyong Ryu, Osaka Prefecture University

Perfluorinated Ethers as Novel Reaction Media for Greener Chemical Synthesis and Processes

Thursday Evening Banquet Lecture

Cynthia C Green, Vice President and General Manager, DuPont Fluoroproducts

Global Megatrends and Opportunities for the Fluorine Industry

Keynote Lectures

Khalil Amine, Argonne National Laboratory

Advanced Fluorinated Materials for Use in High Energy, Long Life and Safe Lithium Batteries for Automotive Applications

Bruno Ameduri, Institute Charles Gerhardt

Controlled Radical Copolymerization of Fluoromonomers: The Golden Tool to Achieve Well Architected F-Polymers

Danièle Bonnet-Delpon, CNRS-Université de Paris Sud

Supramolecular Association with Fluoro-Alcohols

Thierry Brigaud, Université de Cergy-Pontoise

Fluorinated Oxazolidines (Fox) Chiral Auxiliaries: Recent Advances in Asymmetric Synthesis

Philippe Buhlmann, University of Minnesota

Chemical Sensors Based on Receptor-Doped Fluorous Membranes

Michael Chan, City University of Hong Kong

Probing [CH \cdots FC] Contacts as Models of Weak Attractive Ligand-Polymer Interactions

Francois Diederich, Eidgenössische Technische Hochschule Zürich
Fluorine in Pharmaceuticals: Enhancing Binding Efficacy and Selectivity

Stephen DiMugno, University of Nebraska
Fluorination with Iodonium Salts

Kazumasa Funabiki, Gifu University
Organocatalytic Asymmetric Direct Aldol Reactions of Trifluoroacetaldehyde Ethyl Hemiacetal

John Gladysz, Texas A&M University
Fluorocarbon Liquid and Solid Phases for Catalysis, Catalyst Activation, and Recovery

Sergiu Gorun, New Jersey Institute of Technology
Inert Yet Reactive Molecules in Catalysis, Photophysics, and Electronic and Magnetic Materials via Fluorine Substitution

Veronique Gouverneur, University of Oxford
Fluorocyclisations: Problems and Solutions

René Grée, Université de Rennes
Propargylic Fluorides as Highly Versatile Intermediates for the Synthesis of Challenging Fluorinated Molecules

Gerald Hammond, University of Louisville (Louisville, Kentucky)
What Lies Beyond Traditional Fluorine Substitution? New Vistas From a Synthetic Standpoint

Berthold Hoge, Universität Köln
Molecules to Function — The Influence of Electron Withdrawing Groups on Main Group Chemistry

Jinbo Hu, Shanghai Institute of Organic Chemistry
Efficient Preparation of (Phenylsulfonyl)difluoromethyl Ketones and Imines, and Their Application in Organic Synthesis

Beate Koksich, Freie Universität Berlin
Molecular Interactions of Fluorinated Amino Acids within Native Protein-Like Environments

Andreas Kornath, Ludwig-Maximilians Universität München
New Aspects in Superacid Chemistry

Ingo Krossing, Albert-Ludwigs Universität Freiburg
On a Generalized Brønsted Acidity Scale Including a Thermodynamic Definition of Superacidity

Timothy Lodge, University of Minnesota
Self-Assembly of Fluorinated Block Polymers: A Flexible Route to Novel Nanostructures

Scott Mabury, University of Toronto
Polyfluorinated Chemicals: Why Are They Viewed as Environmental Pollutants?

Neil Marsh, University of Michigan
Out of the Frying Pan and into the Frog: Fluorous Proteins Meet Bio-Active Peptides

David O'Hagan, University of St. Andrews
Enzymatic C-F Bond Formation. The Fluorinase as a Catalyst for PET in Medical Imaging

Iwao Ojima, State University of New York at Stonybrook
Synthesis of Fluorinated α -Hydroxy- α -amino Acids by Means of α -Lactam Synthon Method and Their Applications to Medicinal Chemistry

Oleg Ozerov, Texas A&M University
Carbon-Fluorine Bond Activation with Main Group Catalysts

Jack Passmore, University of New Brunswick
Understanding Some Electrophilic Group 16 and 17 Main Group Cations with Geometries That Do Not Obey VSEPR Theory Rules

Nicola Pohl, Iowa State University
Automated Fluorous-Based Synthesis and Array Formation

Alexey Popov, Leibniz-Institut für Festkörper und Werkstofforschung Dresden
Spectroelectrochemistry of Perfluoroalkylfullerenes: Redox Potentials, ESR Spectra, and DFT Calculations

Oliver Reiser, Universität Regensburg
Combining Perfluoroalkyl Tags with Triazole Moieties: A Match Made for Catalysis!

P. V. Ramachandran, Purdue University
Aldol Reaction of (E)- and (Z)-Enolborinates of Alkyl and Aryl Trifluoropropionates

Giuseppe Resnati, Politecnico di Milano
Fluorous Chains, Crystals Formation, and Symmetry Breaking Phenomena

Gary Schrobilgen, McMaster University
Recent Synthetic and Structural Developments in Krypton and Xenon Chemistry from Linear NgF_2 ($\text{Ng} = \text{Kr}, \text{Xe}$) to Non-Octahedral XeF_6

Konrad Seppelt, Freie Universität Berlin
Oxidation of Dichalcogenides and Fluorobenzenes by Highly Potent Oxidizers

Norio Shibata, Nagoya Institute of Technology
Catalytic Asymmetric Synthesis of Fluoro-Organic Compounds

Marshall Smart, Jet Propulsion Laboratory
The Use of Fluorinated Compounds in Li-Ion Battery Electrolytes

Dennis Smith, Clemson University
Perfluorocyclobutyl (PFCB) Aryl Ether Polymer Based Copolymers and Composites

Samuel Wickline, Washington University School of Medicine
Molecularly Targeted Fluorine Nanostructures for Medical Diagnosis and Therapy

Matteo Zanda, University of Aberdeen
The Role of the Trifluoromethyl Group in Protease Inhibitors

Boris Žemva, Jožef Stefan Institute, Ljubljana
Syntheses and Crystal Structures of $\text{XeF}_2 \cdot \text{MF}_4$ and $\text{XeF}_2 \cdot 2\text{MF}_4$. What Do We Know About the Crystal Structure of the First Noble Gas Compound " XePtF_6 "?