

# BOS 2002 Conference Schedule



MONDAY, JUNE 24




**8.00**

## OPENING CEREMONY

VILNIUS UNIVERSITY COLUMN HALL (The AULA)


**Chairmen** V.A. SNIEĖKUS, J. PESTI, J. UPESLACIS


<p><b><u>8.30-9.30</u></b></p>	<p><b>K. Barry Sharpless</b> <i>W.M.Keck Professor of Chemistry The Scripps Research Institute (TSRI) La Jolla, California</i></p> <p><b>Selective Oxidation of Olefins</b></p>	
<p><b><u>9.30-10.00</u></b></p>	<p><b>Group photo in the University Grand courtyard</b></p>	
<p><b><u>10.30-11.30</u></b></p>	<p><b>Mieczysław Makosza</b> <i>Institute of Organic Chemistry Polish Academy of Sciences Warsaw, Poland</i></p> <p><b>Nucleophilic Substitution of Hydrogen in Nitroarenes – a Powerful Tool in Organic Synthesis</b></p>	
<p><b><u>11.30-12.00</u></b></p>	<p><b>Donald Hou</b> <i>Rhodia Chirex Co. Malvern, PA 19355, USA</i></p> <p><b>Jacobsen Hydrolytic Kinetic Resolution From Development to Scale-up: The Styrene Oxide Story</b></p>	

<u>12.00-13.30</u>	Lunch and <b>POSTER SESSION 1</b> at the Tolerance Center <b>POSTERS PO 1— PO30</b>
<u>13.30-14.00</u>	<p><b>Kaoru Fuji</b> <i>Institute for Chemical Research, Kyoto University, Uji, Japan</i></p> <p><b>Memory of Chirality: A New Concept in Enolate Chemistry</b></p> 
<u>14.00-15.00</u>	<p><b>Pat N. Confalone</b> <i>Bristol-Myers Squibb Company Chemical Development R&amp;D Deepwater, NJ, USA</i></p> <p><b>Recent Advances in the Process Chemistry of Novel Aids Therapeutics</b></p> 
<u>15.00-15.30</u>	<b>Coffee break</b>
<u>15.30-16.00</u>	<p><b>Bill Bailey</b> <i>Department of Chemistry, U-60 University of Connecticut, USA</i></p> <p><b>Enantioselective Cyclization of Achiral Organolithiums</b></p> 
<u>16.00-17.00</u>	<p><b>Larry Truesdale</b> <i>Pfizer Global Research and Development, La Jolla Labs San Diego, California, USA</i></p> 


	<p><b>Solution Phase Combinatorial Chemistry: Enabling Chemistries and Technologies</b></p>	
<b><u>17.00-18.00</u></b>	<p><b>Erik Carreira</b>  <i>Laboratorium für Organische Chemie          ETH Zurich, Switzerland</i></p> <p><b>Asymmetric Synthesis Made Simple: Discovery of Novel Reactivity Leading to Practical Processes</b></p>	





<p><b>TUESDAY, JUNE 25</b></p> <p><b><u>Chairmen</u> J. PESTI, J. UPESLACIS, A. SNIEÈKUS</b></p>	
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<b><u>8.30-9.30</u></b>	<p><b>Robert H. Grubbs,</b>  <i>Victor and Elizabeth Atkins Professor of Chemistry, Division of Chemistry and Chemical Engineering          California Institute of Technology, USA</i></p> <p><b>The Design and Synthesis of Olefin Metathesis Catalysts</b></p>	
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<b><u>9.30-10.30</u></b>	<p><b>Uno Mäeorg</b>  <i>Institute of Organic and Bioorganic Chemistry, University of Tartu, Estonia</i></p> <p><b>New Trends in Synthesis of Tetrasubstituted Hydrazines</b></p>	
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<b><u>10.30-11.00</u></b>	<b>Coffee Break</b>	
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<b><u>11.00-11.30</u></b>	<p><b>Jean-Pierre Vors</b>  <i>Aventis Cropscience          CRLD Research Center,          Lyon Cedex 09</i></p>	
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	France	
	<b>Heterocycles in Agrochemistry</b>	
<b><u>11.30-12.00</u></b>	<b>Simon Haydar</b> <i>Albany Molecular Research, Inc.,  Albany, NY</i>	
	<b>Synthesis and Biological Evaluation of Novel Antitumor agents</b>	
<b><u>12.00-13.30</u></b>	<b>Lunch and <u>POSTER SESSION 2</u></b>	
	<b><u>POSTERS PO31 –PO60</u></b>	
<b><u>13.30-14.30</u></b>	<b>Vittorio Farina</b> <i>Department of Chemical Development,  Boehringer Ingelheim Pharmaceuticals  USA</i>	
	<b>Cross – coupling Reactions of Organostannanes</b>	
<b><u>14.30-15.30</u></b>	<b>Jan Bäckvall</b> <i>Stockholm University  Arrhenius Laboratories</i>	
	<b>Dynamic Kinetic Resolution via Coupled Ruthenium and Enzyme Catalysis</b>	
<b><u>15.30-16.00</u></b>	<b>Coffee Break</b>	
<b><u>16.00-17.00</u></b>	<b>Michael Martinelli</b> <i>Chemical Process R&amp;D, Lilly Research  Laboratories  Eli Lilly and Company</i>	

Indianapolis, USA

**Studies Towards a Practical Synthesis  
of Natural Product Oncolytics:  
Cryptophycin**

**WEDNESDAY, JUNE 26**

**Chairmen E. BUTKUS, J. PESTI, V.A. SNIEĖKUS**

**8.30-9.30**

**Manfred T. Reetz**

*Max-Planck-Institut für Kohlenforschung  
Mülheim/Ruhr, Germany*

**Evolution in the Test Tube as a Means  
to Create Enantioselective Enzymes**



**9.30-10.30**

**Ivars Kalvins**

*Latvian Institute of Organic Synthesis  
Riga, Latvia*

**The Development of new NMDA  
Receptor Antagonists in  
Cycloalkanamine Series**



**10.30-11.00**

**Coffee Break**

**11.00-11.30**

**Janis Upeslācis**

*Wyeth Research, 401 N. Middletown Road, Pearl  
River, NY 10965, USA*

**An Anti-CD33 Calicheamicin-Antibody  
Conjugate for the Treatment of AML**










**11.30-12.00**


**Bruno Schaub**

*AMCIS Ltd., R & D, Bubendorf,  
Switzerland*



	<b>Organolithium Compounds and "Super bases" in Multi-kg Scale Syntheses</b>	
<b><u>12.00-13.30</u></b>	<b>Lunch and <u>POSTER SESSION 3</u></b> <b><u>POSTERS PO61 –PO90</u></b>	
<b><u>13.30-14.30</u></b>	<b>Rudolf Duthaler</b> <i>Novartis Pharma AG</i> <i>Basel, Switzerland</i>	
	<b>Potential of Weak Carbohydrate-protein Interactions by Polyvalency</b>	
<b><u>14.30-16.00</u></b>	<b>PANEL DISCUSSION</b>	
<b><u>16.00-17.00</u></b>	<b>Edward Grabowski</b> <i>Executive Director of Process Research Merck Research Laboratories, Merck &amp; Company, Inc., Rahway, NJ</i>	
	<b>Carbapenems: Diastereoselectivity and Syntheses Employing Rh, Sn and Pd</b>	
<b><u>17.00-18.00</u></b>	<b>Shu Kobayashi</b> <i>Graduate School of Pharmaceutical Sciences, The University of Tokyo, Japan</i>	
	<b>New Dimensions of Lewis Acid Catalysis Towards Benign Organic Synthesis</b>	
<b>THURSDAY, JUNE 27</b>		
<b><u>Chairmen</u> V.A. SNIĘKUS, J. PESTI, J. UPESLACIS</b>		
<b><u>8.30-9.30</u></b>	<b>Oleg Kulinkovich</b> <i>Belarussian State University</i> <i>Department of Chemistry</i> <i>Minsk, Belarus</i>	

<p><b><u>9.30-10.30</u></b></p>	<p><b>Low-valent Titanium Species: Reactivity and new Applications in Organic Synthesis</b></p> <hr/> <p><b>Linus V. Kudřna</b> <i>Baxter Healthcare Corporation Anesthesia and Critical Care New Providence, NJ 07974</i></p> <p><b>Substitution and Halogen-exchange Reactions of Fluorine in Organic Synthesis</b></p>	
<p><b><u>10.30-11.00</u></b></p>	<p><b>Coffee Break</b></p>	
<p><b><u>11.00-11.30</u></b></p>	<p><b>Yogesh Sanghvi</b> <i>Isis Pharmaceuticals, Inc., Carlsbad, California, USA</i></p> <p><b>Applications of Green Chemistry in the Manufacture of Oligonucleotide Therapeutics</b></p>	
<p><b><u>11.30-12.00</u></b></p>	<p><b>Erwin Goetschi</b> <i>Pharmaceutical Research F. Hoffmann-La Roche Ltd., Basel, Switzerland</i></p> <p><b>From the DNA Gyrase Inhibitor Cyclothialidine to a New Class of Antibacterial Agents</b></p>	

<p><b><u>12.00-13.00</u></b></p>	<p><b>Henri Kagan</b> <i>Laboratoire de Synthèse Asymétrique, Institut de Chimie Moléculaire d'Orsay, Université Paris-Sud, France</i></p> <p><b>Double Asymmetric Catalytic Reactions: Principle and Applications</b></p>	
<p><b><u>13.00</u></b></p>	<p><b>POSTER AWARDS CLOSING CEREMONY</b></p>	