



# EUCHEM Conference on Stereochemistry Brunnen, Switzerland

## 'Bürgenstock Conference'

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### 45th Euechem Conference on Stereochemistry Brunnen, May 2-7, 2010

President: **E. Peter Kündig**  
 Vice-President: **Jeremy K. M. Sanders**  
 Guest of Honor: **Hisashi Yamamoto**

<b>Andreas Pfaltz</b>	SUNDAY Evening Session – Moderator: <b>Alexandre Alexakis</b> Studies in Asymmetric Catalysis: New Ligands, Substrates and Screening Methods
<b>Dan Yang</b>	MONDAY Morning Session – Moderator: <b>Dirk Trauner</b> Self-Assembled Synthetic Ion Channels
<b>Wilfred A. van der Donk</b>	Genome-Assisted Investigations of Natural Product Biosynthesis
<b>Viresh H. Rawal</b>	MONDAY Evening Session – Moderator: <b>Shun-Ichi Murahashi</b> Hydrogen Bond: A Weak-but powerful- Force for Asymmetric Catalysis
<b>Eric V. Anslyn</b>	TUESDAY Morning Session – Moderator: <b>Jeremy K. M. Sanders</b> Supramolecular Analytical Chemistry
<b>Herbert Mayr</b>	A Semiquantitative Approach to Polar Organic Reactivity
<b>Surya G. K. Prakash</b>	TUESDAY Evening Session – Moderator: <b>Ben L. Feringa</b> Fluorine, a Small Atom with a Big Ego: New Fluoroalkylation Methods
<b>Matthew Gaunt</b>	WEDNESDAY Morning Session – Moderator: <b>Per-Ola Norrby</b> New Catalytic Strategies for Chemical Synthesis
<b>Tamejiro Hiyama</b>	Invention of Synthetic Strategies for Novel Carbon-Carbon Bond Formation
<b>Laura L. Kiessling</b>	WEDNESDAY Evening Session – Moderator: <b>Kai Johnsson</b> Carbohydrate Polymer Assembly: How Do Mycobacteria Do It?
<b>Ronald T. Raines</b>	THURSDAY Morning Session – Moderator: <b>Mikiko Sodeoka</b> Electronic Effects on Protein Structure
<b>Raymond C. Stevens</b>	Structure and Function of the Human G-protein Coupled Receptor Superfamily
<b>Jeffrey W. Bode</b>	FRIDAY Morning Session – Moderators: <b>Jérôme Lacour &amp; Emmanuel Theodorakis</b> Stereochemistry of Shape-Shifting Organic Molecules
<b>Peter Wipf</b>	Target-Directed Total Synthesis & Inverse Design of Natural Products and their Chimeras