



EUCHEM Conference on Stereochemistry Brunnen, Switzerland

'Bürgenstock Conference'

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44th Eucchem Conference on Stereochemistry Brunnen, May 17-22, 2009

President: **Ben L. Feringa**
 Vice-President: **E. Peter Kündig**
 Guest of Honor: **Klaus Müller**

Ian Paterson	SUNDAY Evening Session – Moderator: Bernhard Kräutler Synthesis of marine polyketides as promising anticancer agents
Joanna Aizenberg Lawrence Que	MONDAY Morning Session – Moderator: Stephen Mann Templated crystallization on organic monolayers High-valent iron in biomimetic oxidations of C-H and C=C Bonds
Alan Rowan	MONDAY Evening Session – Moderator: Helmut Ringsdorf Catalysis and motion
Christina White Dirk Trauner	TUESDAY Morning Session – Moderator: E. Peter Kündig C-H: A new functional group for streamlining synthesis The stereobiology and stereochemistry of nervous systems
Five impromptus from	TUESDAY Afternoon Session on "Chirality and the origin of life" – Moderator: Ben L. Feringa Bernard Kaptein, Günter von Kiedrowski, Meir Lahav, Stephen Mann and Jay S. Siegel
Nadrian C. Seeman	TUESDAY Evening Session – Moderator: Günter von Kiedrowski Structural DNA nanotechnology: Using molecular information to control structure
Chaitan Khosla Hiroaki Suga	WEDNESDAY Morning Session – Moderator: Donald Hilvert Modularity in polyketide biosynthesis Genetic code reprogramming: A new emerging technology for the discovery of non-standard peptidic drugs
Karl-Heinz Ernst Rustem F. Ismagilov	THURSDAY Morning Session – Moderator: Lee Cronin Aspects of supramolecular and single molecule surface chirality Stereochemistry, or the effect of space, at the level of a chemical system
Xiaoliang Sunney Xie	THURSDAY Evening Session – Moderator: David N. Reinholdt Probing biochemistry in living cells and organisms with ultimate sensitivity
Erik J. Sorensen	FRIDAY Morning Session – Moderator: Hélène Lebel Efforts to rapidly form molecular complexity in natural product synthesis
Dean Toste	Catalysis via cationic intermediates