

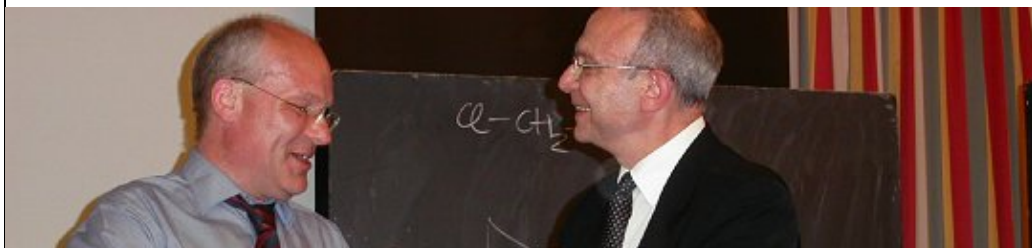


EUCHEM Conference on Stereochemistry Brunnen, Switzerland

'Bürgenstock Conference'

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39th Euchem Conference on Stereochemistry Bürgenstock, April 17-23, 2004

President: **Herbert Waldmann**
 Vice-President: **Alain Krief**
 Guest of Honor: **Ekkehard Winterfeldt**

Roger S Goody	SUNDAY Morning Session – Moderator: Margaret Kayser Structural and mechanistic aspects of regulation of vesicular transport by Rab GTPases
Ilme Schlichting	Heme proteins: control of reactivity <i>via</i> molecular architecture
Michel Rohmer	SUNDAY Evening Session – Moderator: Chris Abell From molecular fossils to genetically engineered plants: discovery and elucidation of an overlooked pathway for isoprenoid biosynthesis in bacteria and plants
Jonathan Ellman Matthias Beller	MONDAY Morning Session – Moderator: Jan-E. Bäckvall New methods for carbon-carbon bond formation Homogeneous catalysis: a key technology for sustainable chemistry
Nicholas E Leadbeater Milton R Smith III	Special Afternoon Session – Moderator: E Peter Kündig Metal-mediated synthesis without the metals: From organometallic to organometallic Catalytic aromatic borylation: a solution to a long-standing problem in aromatic substitution
Matthew D Shair	MONDAY Evening Session – Moderator: Johann Mulzer Towards a cellular target and mechanism of Secramine: a small-molecule inhibitor of protein trafficking discovered using diversity oriented synthesis and phenotypic screening
Atsushiro Osuka Harry Anderson	TUESDAY Morning Session – Moderator: Ben L Feringa Synthetic porphyrinoid chemistry Packaging π -systems by rotaxane formation: insulated molecular wires and encapsulated dyes
Kazunari Taira Michael Famulok	WEDNESDAY Morning Session – Moderator: Christof Niemeyer Structural and stereochemical analysis of RNA cleavage by ribozymes and siRNA Ribozymes for Drug Screening
Kevan Shokat	WEDNESDAY Evening Session – Moderator: Stefan Matile Chemical tools for deciphering kinase signal transduction
Henk Hiemstra Larry E Overman	THURSDAY Morning Session – Moderator: Peter Seeberger Synthetic studies toward Solanoclepin A: a hatching agent of potato cyst nematodes Stereoselective construction of all-carbon quaternary stereocenters: methods invention and total synthesis
Karl Wieghardt	THURSDAY Evening Session – Moderator: Alain Krief Coordination chemistry with organic radicals