



EUCHEM Conference on Stereochemistry Brunnen, Switzerland

'Bürgenstock Conference'

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38th ESF/Euchem Conference on Stereochemistry Bürgenstock, April 26 - May 2, 2003

President: **Jan-E Bäckvall**
Vice-President: **Herbert Waldmann**
Guest of Honor: **Léon Ghosez**

Anthony G M Barrett T V RajanBabu	SUNDAY Morning Session – Moderator: David Tanner An obsession with macrocyclic compounds Stereochemical control in inter- and intramolecular reactions of olefins and acetylenes
Manfred T Reetz	SUNDAY Evening Session – Moderator: Bernhard Kräutler Evolutionary and combinatorial methods in enantioselective (bio)catalysis
Klaas Martinus Pos Jeffery W Kelly	MONDAY Morning Session – Moderator: Herbert Waldmann On the structure and function of bacterial pumps and bacterial protein glycosylation The chemistry and biology of misfolding diseases
Ari Helenius	MONDAY Evening Session – Moderator: Lia Addadi Quality control during protein folding
Karl Anker Jørgensen David W C MacMillan	TUESDAY Morning Session – Moderator: Carsten Bolm A failed reaction leading to new catalytic asymmetric transformations Development of new catalysis concepts of broad utility to chemical synthesis
Pher G Andersson Masahiro Murakami	WEDNESDAY Morning Session – Moderator: Varinder K Aggarwal Development and application of a new class of chiral ligands The stereochemistry of electrocyclic reactions dominated by hyperconjugation rather than sterics
Chris A Hunter	WEDNESDAY Evening Session – Moderator: Franz Schmidtchen Quantitative approaches to molecular recognition
David A Leigh Takashi Kato	THURSDAY Morning Session – Moderator: Peter Bäuerle Tooling up for nanoworld: hydrogen bond assembled 'molecular machinery' Nanostructured liquid crystals: supramolecular self-assembly of soft materials
Timothy M Swager	THURSDAY Evening Session – Moderator: François Diederich Polymer electronics for ultra-sensitive chemical and biological sensors