



# EUCHEM Conference on Stereochemistry Brunnen, Switzerland

## 'Bürgenstock Conference'

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### 32nd ESF/EuChem Conference on Stereochemistry Bürgenstock, April 27 - May 3, 1997

President: **Steven V Ley**  
 Vice-President: **Manfred T Reetz**  
 Guest of Honor: **Sir Alan Battersby**

<b>D L D Caspar</b>	MONDAY Morning Session – Moderator: <b>A Dondoni</b> Five-fold symmetry in quasicrystal, fullerene and virus structures
<b>G Pattenden</b>	Macro- and polycycle constructions 'organised' by radicals and metal templating
<b>I K Ugi</b>	MONDAY Evening Session – Moderator: <b>L Weber</b> Fast and permanent changes in organic chemistry through multicomponent reactions and their libraries
<b>W A Hendrickson</b>	TUESDAY Morning Session – Moderator: <b>B Luisi</b> Structural analysis of phosphotransfer catalysis by HIT family proteins
<b>T Richmond</b>	The structure of the nucleosome core of chromatin: 8 proteins and 146bp of DNA
<b>S Harrison</b>	TUESDAY Evening Session – Moderator: <b>D Lilley</b> Protein assemblies in DNA recognition and DNA translocation
<b>H J Jennings</b>	WEDNESDAY Morning Session – Moderator: <b>J F Normant</b> Extended helical polysaccharide epitopes and their role in glycoconjugate vaccines against bacterial infections
<b>K Suzuki</b>	Stereochemical issues met in the synthesis of sugar-aromatic and isoprenoid-aromatic hybrid natural products
<b>U B Sleytr</b>	THURSDAY Morning Session – Moderator: <b>D H G Crout</b> Crystalline bacterial cell surface layers (S-layers): from cell structure to biomimetics
<b>P F Leadlay</b>	Stereochemical aspects of complex polyketide biosynthesis
<b>G Newkome</b>	THURSDAY Evening Session – Moderator: <b>J S Siegel</b> Construction of dendritic Superstructures
<b>S Kobayashi</b>	FRIDAY Morning Session – Moderator: <b>A Pfaltz</b> New types of Lewis acid catalysts used in stereoselective organic reactions
<b>E M Carreira</b>	Asymmetric synthesis with transition-metal reagents and catalysts
<b>A B Smith, III</b>	FRIDAY Evening Session – Moderator: <b>M T Reetz</b> Recent advances in the total synthesis of architecturally complex natural products