



# EUCHEM Conference on Stereochemistry Brunnen, Switzerland

## 'Bürgenstock Conference'

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### 18th Eucem Conference on Stereochemistry Bürgenstock, April 25 - May 1, 1982

President: **Rolf Huisgen**  
Guest of Honor: **Vladimir Prelog**

	MONDAY – Moderator: <b>H Musso</b>
<b>B Ganem</b>	New stereochemical findings in synthetic and biological chemistry
<b>J Mulzer</b>	Stereoselective additions of carboxylic acid enolates and $\beta$ -lactone enolates
<b>R A Raphael</b>	Acetylenes in action
	TUESDAY – Moderator: <b>C Szántay</b>
<b>T Mukaiyama</b>	New approaches to the synthesis of carbohydrates
<b>G Helmchen</b>	Functional groups at concave sites: application of a general concept in the field of asymmetric synthesis with esters
<b>L Leiserowitz</b>	Direct assignment of absolute configuration of chiral molecules via changes in crystal habit induced by tailor-made impurities
	WEDNESDAY – Moderator: <b>K Schaffner</b>
<b>R Srinivasan</b>	Organic photochemistry in the far ultraviolet: methylenecyclopropanes, vinylcyclopropanes, and allylcyclopropanes
<b>A G Schultz</b>	Stereochemical, mechanistic and synthetic aspects of photochemical six electron heterocyclization reactions
	THURSDAY – Moderator: <b>J Mathieu</b>
<b>M Mikolajczyk</b>	Selected problems and results on chiral organosulphur and organophosphorus compounds
<b>D N Reinhoudt</b>	Thermal [2+2]-cycloaddition reactions of acetylenes: mechanistic aspects and applications in synthesis
<b>J Montreuil</b>	Structure and conformation of glycoproteins in relation with their metabolism and their biological role
	FRIDAY – Moderator: <b>E Heilbronner</b>
<b>J L Beauchamp</b>	New methods for characterizing the structures and energetics of organic cations in the gas phase
<b>H Schwarz</b>	Potential energy profiles for some unimolecular reactions of gaseous cations
<b>J P Maier</b>	Spectroscopic and relaxation studies of open-shell organic cations in the gas phase