### 23rd Euchem Conference on Stereochemistry

**Bürgenstock, May 3 - 9, 1987**

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<th>President:</th>
<th>Dieter Seebach</th>
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**MONDAY – Moderator: N Speckamp**
- M Mutter: The construction of artificial proteins
- S Brenner: Stereoselectivity of enzymatic reactions
- M Zenk: Plant cell cultures: stereospecific formation of alkaloids

**TUESDAY – Moderator: H Ringsdorf**
- W F Maier: On the nature of C-H bond formation and activation on heterogenous catalysts
- T Kunitake: Helical superstructures of synthetic bilayer membranes – formation and functions
- D A Tomalia: Starburst dendrimers – control of size, shape and surface at the molecular level

**WEDNESDAY – Moderator: G Ourisson**
- P B Dervan: Molecular recognition of DNA, a synthetic chemists’ perspective
- O Kennard: A new look at the double helix – structural studies of normal and mismatched DNA fragments

**THURSDAY – Moderator: E Winterfelt**
- J Rebek Jr: Model studies in molecular recognition
- K N Houk: Stereoselectivities of organic reactions: theoretical predictions and experimental tests
- Th Laube: Experimental proof of electronic effects in alicyclic carbocations – a challenge for computational chemistry

**FRIDAY – Moderator: J D Dunitz**
- L Addadi: Stereochemistry at crystal surfaces: a different approach to biomineralization
- K Bechgaard: Conducting and superconducting organic solids: design, synthesis and properties
- D M Walba: Design of high performance ferroelectric liquid crystals