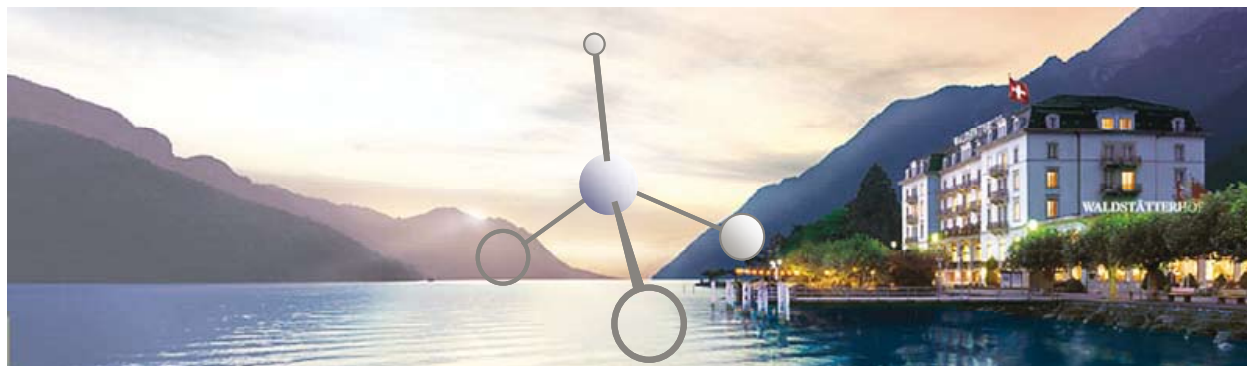


# EUCHEM Conference on Stereochemistry



Known as the 'Bürgenstock Conference', this annual meeting has become famous as an outstanding international chemistry meeting of high scientific quality, with an optimal setting for intense inter-disciplinary discussion. In 2009, the meeting will move from the Bürgenstock-Resort to another beautiful location on the shores of Lake Lucerne: the Seehotel Waldstätterhof Brunnen. Stereochemistry is the underlying principle by which we understand the processes of life and the properties of matter at the molecular level. It is a key element not only in all chemical disciplines, but also in molecular biology, molecular medicine, biophysics, and material design. The 'Bürgenstock Conference' has grown over the years into a multidisciplinary conference where frontier science is discussed. For accounts of the 2008-conference see: a) H. A. Wegner, A. Zumbuehl, *Chimia* **2008**, *62*, 525. b) C. P. R. Hackenberger, H. A. Wegner, A. Zumbuehl *Angew. Chem. Int. Ed.* **2008**, *47*, 5496. c) S. L. Cockroft, D. M. Lindsay *Chem. Commun.* **2008**, DOI: [10.1039/b816863f](https://doi.org/10.1039/b816863f).

## The 44<sup>th</sup> EUCHEM Conference on Stereochemistry (Bürgenstock-Conference 2009)

will be held under the presidency of Prof. Ben L. Feringa, University of Groningen, NL, from the  
**17<sup>th</sup> to the 22<sup>nd</sup> May 2009 in Brunnen on the shores  
of Lac Lucerne, Switzerland**

Attendance will be limited to ca.120 participants. The organisers (the president: Ben L. Feringa and the committee members: Donald Hilvert, Jérôme Lacour, Reto Naef, Philippe Renaud, Jay Siegel and Helma Wennemers) will aim at a good balance of younger and more experienced participants from academic and industrial laboratories. Following its long tradition the detailed program (names of speakers and lecture titles) is not announced prior to the conference and both lecturers and participants are requested to stay for the entire conference.

As previous Bürgenstock Conferences, the 2009 edition will again be highly interdisciplinary, covering many areas of chemistry in its main body, but allowing also for relevant highlights from neighboring disciplines, with due focus on structural and mechanistic aspects in all contributions. However, the main areas in which lectures will be given are: *Organic and metal-organic chemistry*: synthetic methodology, new reactions, new reagents, C-H bond activation, asymmetric catalysis, as well as complex natural product synthesis. A special session on origin and amplification of chirality will be part of the program. *Molecular and chemical biology*: structural and mechanistic biology, chemical neurobiology, study of complex chemical and biological systems using microfluidics, evolutionary molecular biotechnology, metalloenzymes and biocatalysis, DNA nanotechnology, real-time imaging of gene expression, polyketide biosynthetic engineering and medicinal chemistry. *Material science*: supramolecular assemblages possessing catalytic and electronic properties, biomineralization and design of functional inorganic materials, molecular surface science.

The program consists of 14 plenary lectures with ample time for discussions so that each topic can be presented fully and be examined from different angles and perspectives. Lectures and discussions are held in the mornings and the evenings. The afternoons are free for recreation, informal discussions, and poster sessions.

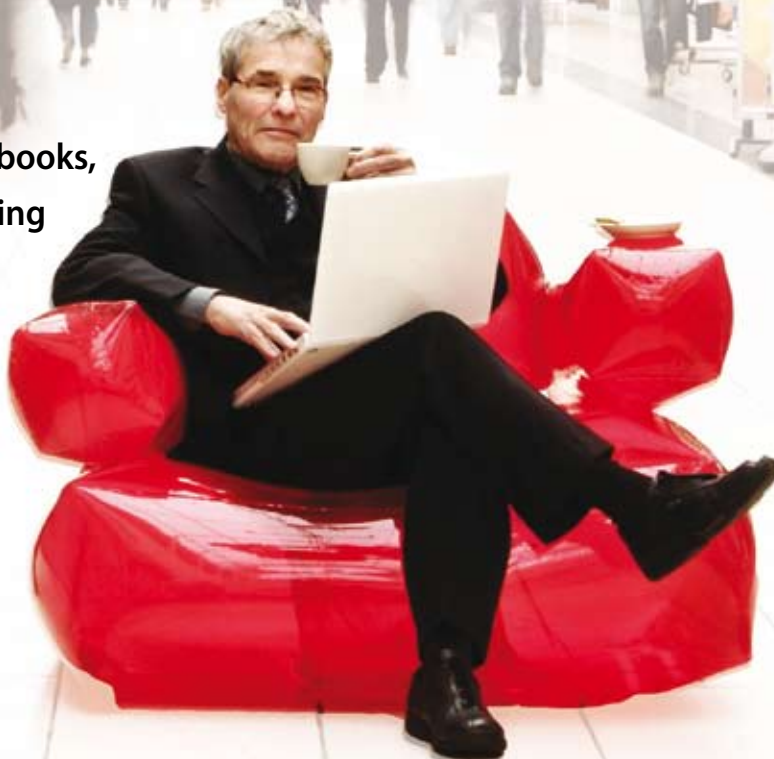
Please check the conference web-page for more details and registration procedures.

<http://www.stereochemistry-buergenstock.ch/>

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