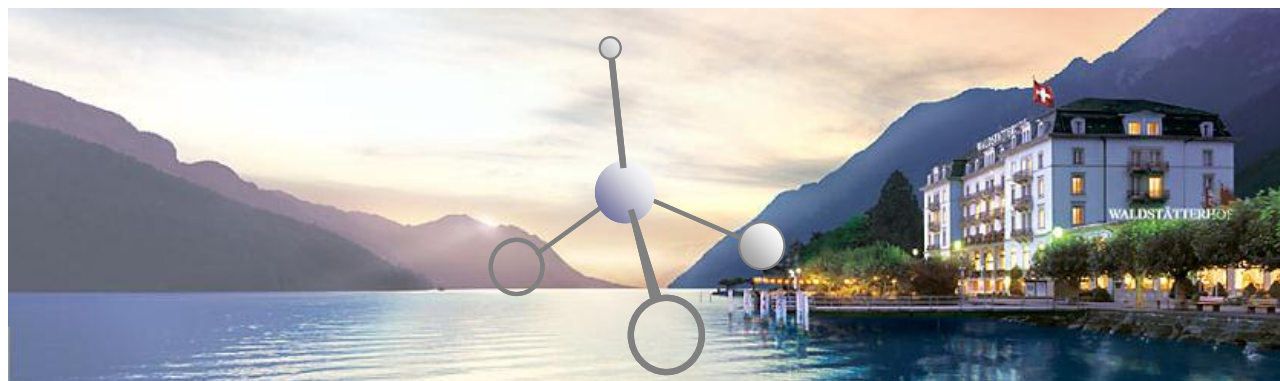


# EUCHEM Conference on Stereochemistry



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 2012, the meeting will be again at the Seehotel Waldstätterhof Brunnen on the shores of Lake Lucerne: 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 2011-conference see: a) L. J. Prins, R. Gilmour, [Chimia 2011, 65, 612](#). b) C. Ducho [Angew. Chem. Int. Ed. 2011, 50, 6697](#). c) E. W. Tate, R. J. M. Goss [Chem. Commun. 2011, 47, 10869](#). d) M. S. Taylor [Nat. Chem. 2011, 3, 660](#)

## The 47<sup>th</sup> EUCHEM Conference on Stereochemistry (Bürgenstock-Conference 2012)

will be held under the presidency of Prof. Andreas Pfaltz, University of Basle, CH

from the 29<sup>th</sup> April to the 4<sup>th</sup> May 2012 in Brunnen  
on the shores of Lac Lucerne, Switzerland

Attendance will be limited to ca. 120 participants. The organisers (the president: Andreas Pfaltz and the committee members: Alain De Mesmaeker, Donald Hilvert, Jérôme Lacour, Reto Naef, Philippe Renaud, 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 2012 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. The main areas in which lectures will be given are: *Organic and metal-organic chemistry*: discovery and development of new reactions, transition-metal catalyzed reactions, theoretical understanding of chemical reactivity, enantioselective reactions, organocatalysis, total synthesis of complex natural products, function oriented synthesis. *Supramolecular chemistry and physical organic chemistry*: nanoparticles and soft materials, zeolites, electroluminescent devices, chiral induction, nanoscale objects, frustrated Lewis pairs. *Chemical biology*: understanding of protein function at the molecular level, directed evolution, study of the role of coenzymes via modern analytical techniques, design and synthesis of biologically active materials, biological chemistry, understanding and engineering the metabolic pathways, fluorescent proteins, organometallic chemistry and biotechnology.

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/>