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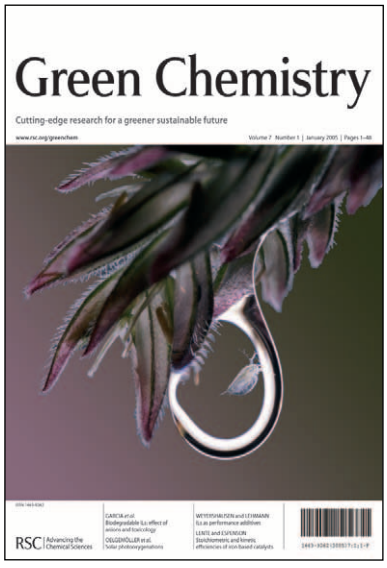

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41st EUCHEM Conference on Stereochemistry

Known widely as the 'Bürgenstock Conference', this annual meeting has become famous as an outstanding international chemistry conference because of its high scientific quality, an optimal setting for intense interdisciplinary discussion, and the magnificent location and atmosphere of the Bürgenstock-Resort above the lake of Lucerne in Switzerland.

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 modern molecular biology, molecular medicine, biophysics, and material design. Accordingly, the 'Bürgenstock Conference' has grown over the years into a multidisciplinary conference where frontier science is being discussed. Lectures at the conference cover many areas of chemistry and relevant highlights from neighbouring disciplines. For accounts of the 2005-conference see: a) M. Oestreich, *Angew. Chem. Int. Ed.* **2005**, *44*, 3512. b) K. Högenauer, D. Longbottom, *Chem. Commun.* **2005**, 3111. c) J. R. Nitschke, *Chimia* **2005**, *59*, 366. See also: M. Rouhi, Chem. Eng. News, issue April 11, 2005.

The 41st EUCHEM Conference on Stereochemistry (Bürgenstock-Conference 2006)

will be held under the presidency of Prof. Bernhard Kräutler, University of Innsbruck, Austria

from Saturday 22nd to Friday 28th April 2006 at Bürgenstock, Switzerland

Attendance will be limited to ca.120 participants. The organisers (the President: Bernhard Kräutler and the Members of the Organising Committee: Hans-Beat Bürgi, François Diederich, E. Peter Kündig and Klaus Müller) will aim at a good balance of younger and more experienced participants from academic and industrial laboratories. It is a tradition that the detailed program (names of speakers and lecture titles) is not announced prior to the conference. The main areas in which lectures will be given include:

Organic and metal-organic chemistry, novel synthetic strategies, asymmetric catalysis, advances in enantioselective synthesis and applications, reaction mechanisms and theoretical concepts; frontier chemistry at the interfaces to biology and the material sciences; chemical biology of carbohydrates; structure and function of channels and membrane transport; protein interactions and new insights into molecular recognition; riboswitches and ribozymes; nanostructures in chemistry and biodiagnostics; single-molecule force spectroscopy; catalysis and electronics from smart surfaces.

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.

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