



EUCHEM Conference on Stereochemistry Brunnen, Switzerland

'Bürgenstock Conference'

- Home
- General
- Next Conference
- Program
- Organizing Committee
- Schedule & Conditions
- Applications
- Admission
- JSP Program
- Poster Sessions
- Conference Rules
- Venue
- Travel Information
- Acknowledgements

- Previous Presidents
& Conference Programs



47th Euechem Conference on Stereochemistry Brunnen, April 29 - May 4, 2012

President: **Andreas Pfaltz**
 Vice-President: **Luisa De Cola**
 Guest of Honor: **Albert Eschenmoser**

| | |
|---------------------------|--|
| Roger Y. Tsien | SUNDAY Evening Session – Moderator: Jeremy K. M. Sanders Building molecules to image electric fields and guide therapy |
| Frank Glorius | MONDAY Morning Session – Moderator: Clément Mazet Stories on design & surprise: C-H activation, asymmetric arene hydrogenation and NHC organocatalysis |
| Vy Dong | A few of my favorite rings: Catalysis inspired by lactones and lactams |
| Luisa De Cola | MONDAY Evening Session – Moderator: Gerard Van Koten Functional structures by self-assembly. Properties and applications |
| Sarah E. O'Connor | TUESDAY Morning Session – Moderator: Bernd Giese Elucidation, evolution and mechanistic analysis of natural product pathways |
| Virginia Cornish | Expanding the synthetic capabilities of the cell |
| Paul A. Wender | TUESDAY Evening Session – Moderator: Mohammad Movassaghi Toward transformative therapies and the ideal synthesis: strategies to eradicate AIDS, treat Alzheimer's disease and overcome resistant cancer |
| Bernhard Jaun | WEDNESDAY Morning Session – Moderator: Bernhard Kräutler Probing the catalytic mechanism of methyl-coenzyme M reductase, the key enzyme of methane formation and functionalization by archaea |
| Milan Mrksich | Label-free screening for the discovery of chemical and biochemical reactions |
| Douglas W. Stephan | THURSDAY Morning Session – Moderator: Luisa De Cola Frustrated lewis pairs: a new avenue to small molecule activation and catalysis |
| Stefan Grimme | Dispersion interactions in chemistry from a DFT perspective |
| Ei-ichi Negishi | THURSDAY Evening Session – Moderator: Shu Kobayashi Zr-Catalyzed Asymmetric Carboalumination of Alkenes (ZACA). Its recent development |
| Takashi Ooi | FRIDAY Morning Session – Moderator: Jieping Zhu Molecular design of organic ion pairs for asymmetric catalysis |
| Thomas R. Ward | Artificial metalloenzymes: recent progress and challenges |