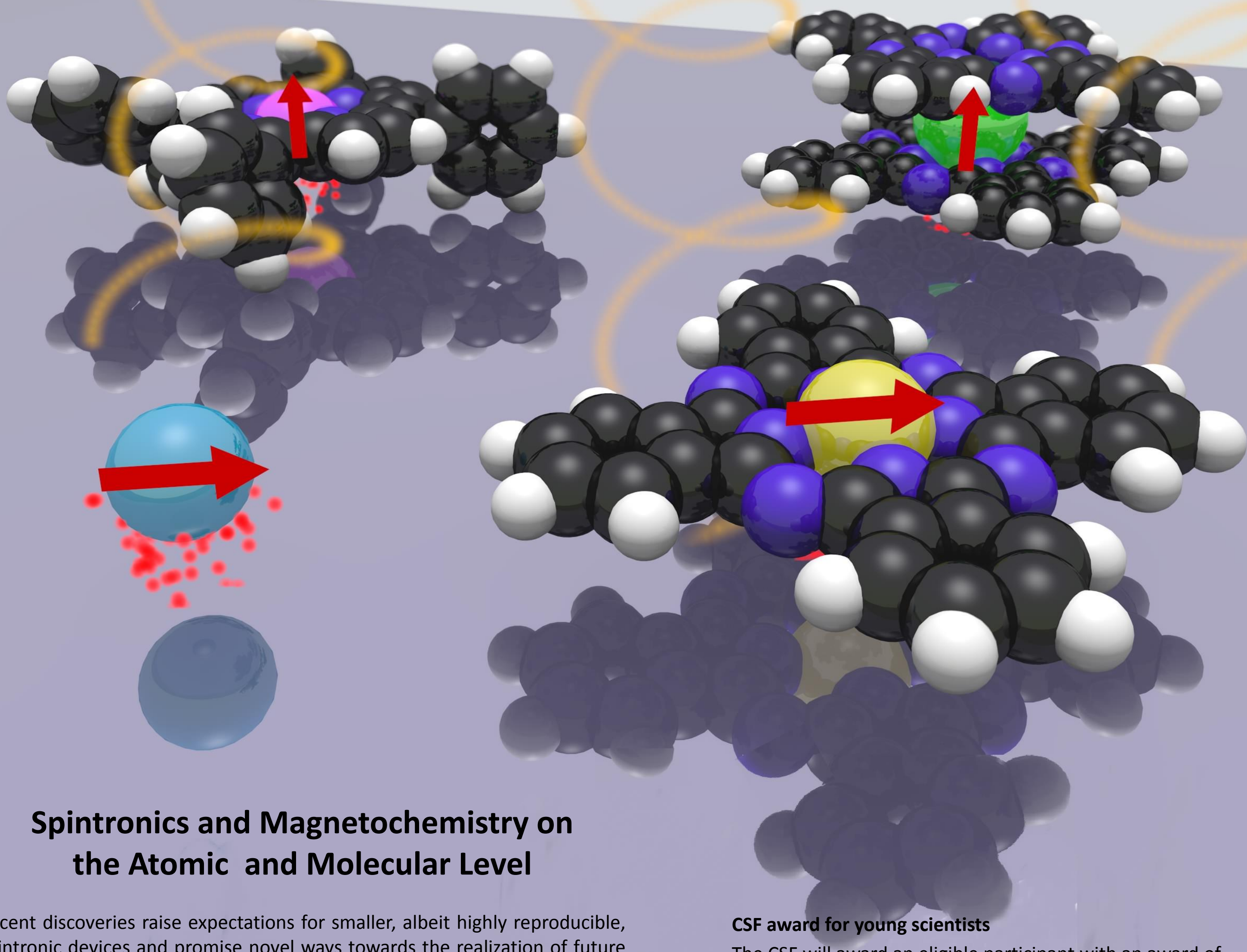


Spintronics and Magnetochemistry on the Atomic and Molecular Level

SpinMol Conference

October 26 – 30, 2014

Congressi Stefano Franscini, Monte Verità, Ascona, Switzerland



Spintronics and Magnetochemistry on the Atomic and Molecular Level

Recent discoveries raise expectations for smaller, albeit highly reproducible, spintronic devices and promise novel ways towards the realization of future devices operating on quantum states. The focus of this conference is put on recent advances in the understanding of metal-organic interfaces, in the fabrication of molecular spintronic devices, and in state-of-the-art characterization and simulation methods. The conference is open to physicists, chemists and materials scientist in academia and industry who are interested in spintronics and organic spintronics.

CSF award for young scientists

The CSF will award an eligible participant with an award of CHF 500.- for the best poster presentation

Organizers

Prof. Thomas Jung, Paul Scherrer Institute (organizer)
Prof. Harald Brune, EPFL (co-organizer)
Prof. Pietro Gambardella, ETH Zurich (co-organizer)
Prof. Silvio Decurtins, University of Bern (co-organizer)

More than 40 outstanding invited speakers

<http://www.spinmol.ch/>

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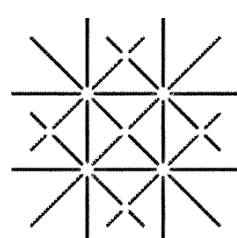
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SpinMol Conference

Spintronic and Magnetochemistry on the Atomic and **Mol**ecular Level

October 26 – 30, 2014, Ascona, Switzerland

www.spinmol.ch

Assembly of Spin-Architectures / Magnetochemistry

M. Ruben, KIT
N. Ballav, IISER, Pune
H.-P. Steinrueck, U. Erlangen
R. Miranda, IMDEA Madrid
J. Barth, TUM
S. Stepanow, ETH Zurich
T. Greber, U. Zurich
L. Bogani, U. Stuttgart
R. Sessoli, U. Firenze
J. Veciana, ICMAB
T. Mallah, U. Paris Sud
A. K. Powell, U. Karlsruhe
D. Zhang, ICCAS, Beijing
H.-J. Gao, IOPCAS, Beijing

Investigation and Control of Magnetic Properties

H. Wende, U. Duisburg-Essen
W. Kuch, Freie U. Berlin
M. Bowen, IPCMS Strasbourg
L. Limot, IPCMS Strasbourg
A. Mugarza, ICN2 Barcelona
S. Hla, Argonne
W. Wulfhekel, KIT
J. Wiebe, U. Hamburg
R. Wiesendanger, U. Hamburg
M. Aeschlimann, U. Kaiserslautern
S. Rousset, CNRS, Paris
E. Beaurepaire, IPCMS
Q.-K. Xue, Beijing
J. I. Pascual, Nanogune
V. Dediu, CNR Bologna
G. Aeppli, PSI, Villigen
M. Kawai, U. Tokyo

Numerical Simulations

A. Seitsonen, U. Zurich
N. Lorente, ICN2 Barcelona
P. Oppeneer, U. Uppsala
S. Sanvito, TC Dublin
S. Bluegel, FZ Juelich

Single Spin / Single Molecule Spintronic Devices

W. Wernsdorfer, Grenoble
M. Affronte, U. Modena
A. Heinrich, IBM Almaden
R. Mattana, CNRS Thales
P. Seneor, CNRS Thales
H. van der Zandt, TU Delft

