

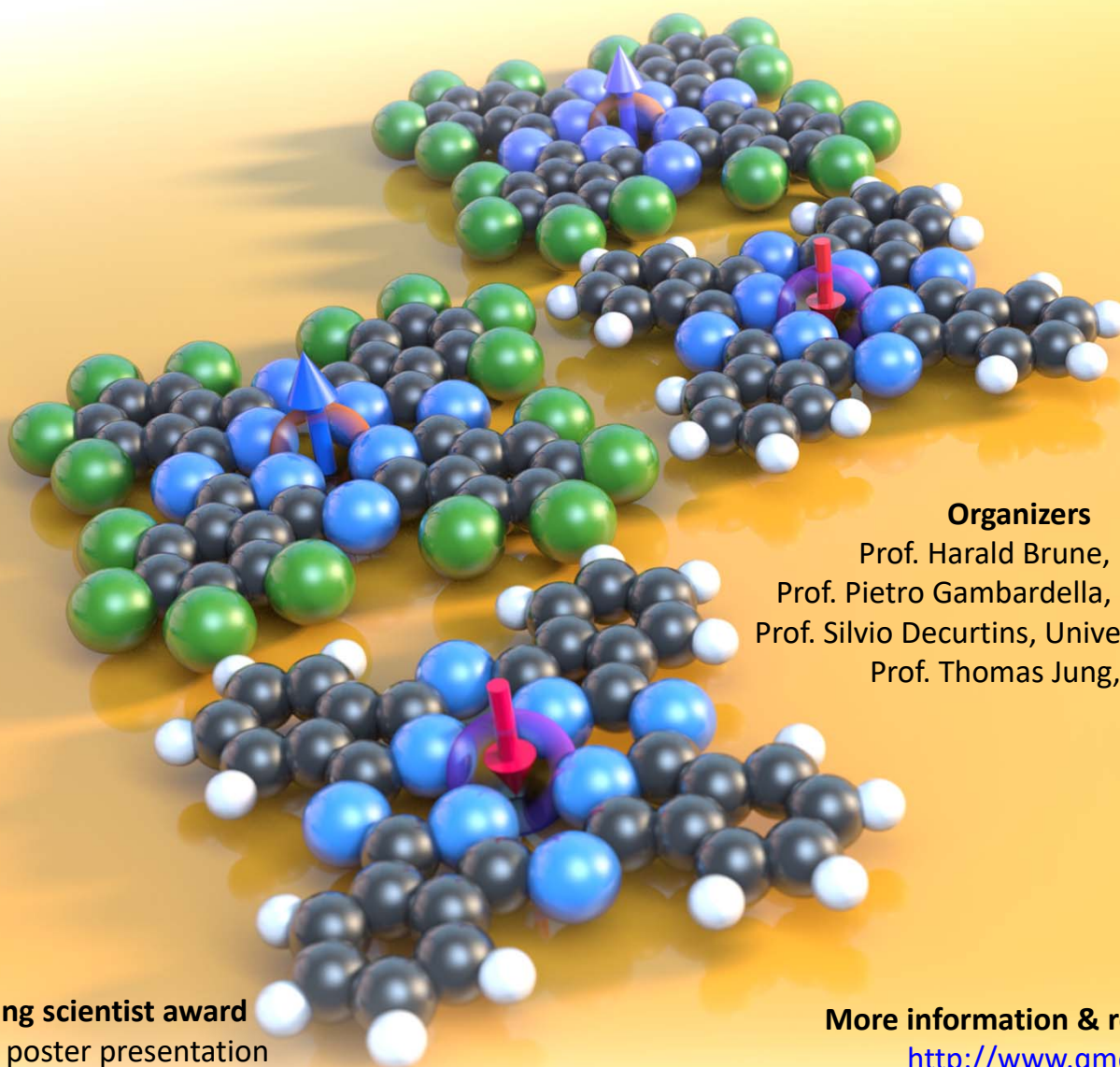
Operating **Q**uantum States in Atoms and **M**olecules at Surfaces

QMol Conference 10-14 September, 2017

Monte Verità, Ascona, Switzerland

The technology and science concerned with the reproducible manufacturing and probing of quantum architectures of individual atomic and molecular units on surfaces is gaining speed. This is due, on the one hand, to recent experimental breakthroughs in this field and, on the other hand, to increasing demand from other research areas, in particular from quantum technology.

The conference will gather the growing scientific community in this field, which bridges several areas of physics, chemistry, and materials science.



Organizers

Prof. Harald Brune, EPFL
Prof. Pietro Gambardella, ETH Zurich
Prof. Silvio Decurtins, University of Bern
Prof. Thomas Jung, PSI

QMol young scientist award
for the best poster presentation

More information & registration
<http://www.qmol.ch>



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Swiss Academy of Sciences
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Académie des sciences naturelles



SCS
Swiss Chemical
Society

QMol Conference

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10-14 September, 2017, Monte Verità, Ascona, Switzerland

www.qmol.ch

Quantum coherent systems at surfaces

S. Otte, TU Delft

A. Heinrich, IBM Almaden

S. Loth, Max-Planck, Hamburg

B. Heinrich U. Berlin

M. Ternes, Max Planck Stuttgart

F. Delgado, CFM San Sebastian

D. Jang Choi CSIC Barcelona

Novel systems

A. Yazdani, U. Princeton

M. Bode, Universität Würzburg

H. Dil, EPFL SB IPHYS Lausanne

J. Stroschio, NIST Gaithersburg

A. Mugarza, CIN, Barcelona

Controlling & addressing electronic & spin states in quantum systems

J. Repp, U. Regensburg

F. Giessibl, U. Regensburg

A. Khajetoorians, U. Radboud

C.J. Lambert, U. Lancaster

N. Agrait, UAM, Madrid

Mattana, UMPHY, France

H. van der Zandt, TU Delft

P. Jelinek, CAS, Czech Republic

R. Berndt, U. Kiel

W. Wernsdorfer, KIT Karlsruhe

M. Cinchetti, U. Kaiserslautern

E. Scheer, U. Konstanz

Design, Synthesis & Modeling of molecular quantum bits

R. Winpenny, U. Manchester

N. Lopez, ICIQ, Spain

T. Wehling, U. Bremen

C. Rovira, ICMAB, Barcelona

O. Cespedes, Uni. Leeds

R. Sessoli, U. degli Studi di Firenze

A.K. Powell, U. Karlsruhe

Evening Lectures

J. Wrachtrup, U. Stuttgart

A. Wallraff, ETH Zürich

