

# CH Information

News – Honors – Workshops – Conferences – Lectures

## NEWS

Barclays Private Equity (BPE) has acquired a majority shareholding in CU Chemie Uetikon, a fine chemicals company based in Lahr, Germany. With a shareholding of 90%, BPE will have a controlling interest in the spin-off from the Swiss group CPH Chemie + Papier Holding AG. Together with management, BPE said it will pursue a consistent growth strategy in pharmaceuticals, cosmetics and nutrition industries.

**Maria Schönbächler**, currently Reader at the University of Manchester, UK, has been appointed Associate Professor of Isotope Geochemistry at ETH Zürich. Maria Schönbächler has developed high-precision mass spectrometric analyses to examine the chemical and isotopic composition of cosmochemical processes in the emergence of meteorites and their components. In spring 2011, Maria Schönbächler was awarded a starting grant by the European Research Council.

**Joost VandeVondele**, currently Senior Academic Assistant at the University of Zurich, has been appointed Assistant Professor of Nanoscale Simulations at ETH Zürich. Joost VandeVondele is an internationally recognised expert in the computer-assisted simulation of molecular dynamic processes. In the last few years, his research has focused on the field of large atomistic simulations with reference to dye-sensitised solar cells and radicals in solutions. With the use of supercomputers, he was able to further enhance the precision of the simulations, thus paving the way for research on a new scale. Joost VandeVondele was awarded a starting grant by the European Research Council in spring 2011.

## HONORS

**Andreas Pfaltz**, Professor for Organic Chemistry at University Basel, receives the Yamada-Koga-Prize for his outstanding contributions in the field of asymmetric synthesis. Pfaltz' research interest focuses on design of chiral ligands in metal catalysts in combination with new mass-spectrometry-based screening methods. The Yamada-Koga-Prize commemorate the two Japanese scientists Shun-ichi Yamada and Kenji Koga who worked in the field of syntheses of optically active compounds.

METTLER TOLEDO, weltweiter Anbieter für Mess- und Wägetechnik, wurde auf der diesjährigen POWTECH in Nürnberg, der Messe für mechanische Verfahrenstechniker und Prozessingenieure, mit dem ersten Platz in der Kategorie MSR Technik und Automatisierung für ein ultrakompaktes Wägemodul ausgezeichnet.

## CONFERENCES/WORKSHOPS/SYMPOSIA

### School on Physical Organic Chemistry

29<sup>th</sup> Jan 2012 to 03<sup>rd</sup> Feb 2012, Bressanone, Italy  
<http://www.chimica.unipd.it/wispoc/pubblica/>

## LECTURES

### Société Fribourgeoise de Chimie (SFC) Freiburger Chemische Gesellschaft (FCG)

Grande auditoire, Département de Chimie, Chemin du Musée 9, Fribourg

Dienstag, 17.15 h, Kaffee um 16.45 h vor dem Hörsaal

29.11.2011 Dr. *Thomas Weller*  
 Head of Drug Discovery, Actelion Pharmaceuticals Ltd  
 'Drug discovery chemistry at Actelion – some case studies'

### Société Chimique de Genève

Auditoire 1S059, Université de Genève, Sciences III, Quai Ernest-Ansermet 30, Genève

Lundi, 17.00 h

5.12.2011 Dr. *Estelle Delort*, Dr. *Jonas Schenk*,  
 Dr. *Sanja Narancic*, Dr. *Julien Coulomb*  
 Firmenich SA  
 'Quatre fenêtres sur la science moderne des parfums et arômes'

2011 Année Internationale de la Chimie –  
 Un siècle de recherche en parfums et arômes à Genève.  
 La séance est publique et sera suivie d'un apéritif et de la visite du Chimiscope

### Departement Chemie der Universität Basel Anorganische und Organische Chemie

Departement Chemie, Universität Basel, Kleiner Hörsaal OC, St. Johannis-Ring 19, CH-4056 Basel

Mittwoch,  
 23.11.2011  
 17.30 h Prof. Dr. *Tom Rovis*  
 Colorado State University, Fort Collins,  
 CO, USA  
 Title to be announced

2.12.2011 Prof. Dr. *Christian Hackenberger*  
 Freitag Freie Universität Berlin, Berlin, D  
 10.45 h 'Chemoselective Staudinger reactions – powerful tools for organic synthesis and chemical biology'

9.12.2011 Prof. Dr. *Alanna Schepartz*  
 Freitag Yale University, New Haven, CT, USA  
 10.45 h Title to be announced

**Departement Chemie der Universität Basel  
Physikalische Chemie**

Kleiner Hörsaal Raum 4.04, 2. Stock, Klingelbergstr. 80, Basel  
Mittwochs, 16.30 h

- 30.11.2011 Prof. Dr. *Richard Pastor*  
National Institutes of Health, Laboratory of  
Computational Biology, NHLBI, Rockville,  
USA  
'Molecular Dynamics Simulations of  
Membrane Curvature'
- 7.12.2011 Prof. Dr. *Markus Arndt*  
Faculty of Physics, University of Vienna,  
Austria  
'Macroscopic Coherence of Organic Mole-  
cules: Fundamental Quantum Physics and  
Molecular Properties'

**Departement Pharmazeutische Wissenschaften der  
Universität Basel**

Lecture Hall 1, Pharmazentrum, Klingelbergstrasse 50, Basel  
Mittwochs, 17.00 h

- 23.11.2011 Dr. *Gareth Lavery*  
University of Birmingham, Centre for Endo-  
crinology, Diabetes and Metabolism, UK  
'Recombinant models of glucocorticoid  
action in metabolic disease'
- 30.11.2011 Prof. *Nunziatina de Tommasi*  
Department of Pharmaceutical Sciences,  
University of Salerno, Fisciano Italy  
'Screening and molecular basis of plant  
secondary metabolite-protein interactions'
- 7.12.2011 Dr. *Peter Gedeck*  
Novartis Institute for BioMedical Research  
'QSAR in Virtual Screening and Lead Opti-  
misation'
- 14.12.2011 Prof. *Nicole Probst-Hensch*  
Unit Chronic Disease Epidemiology, Swiss  
Tropical and Public Health Institute  
'Public Health Genomics'

**Departement Chemie und Biochemie der Universität  
Bern  
Biochemie**

Hörsaal S 481, Freiestrasse 3, Bern  
Montags, 16.30 h

- 28.11.2011 Prof. *Andreas Reichert*  
Mitochondrial Biology, Frankfurt Institute  
for Molecular Life Sciences, Goethe Univer-  
sity, Frankfurt, D  
'Molecular mechanisms shaping mitochon-  
drial membranes'
- 12.12.2011 Prof. *Harald H. Sitte*  
Institute of Pharmacology, Center for Physi-  
ology and Pharmacology, Vienna, Austria  
'The squeaky transporter gets the grease: the  
role of PIP2 on neurotransmitter transporter  
function'

**Departement für Chemie und Biochemie der  
Universität Bern  
Anorganische, Analytische und Physikalische Chemie**

Hörsaal S481, Freiestrasse 3, 3012 Bern  
Donnerstags, 11.15 h

- 24.11.2011 Prof. Dr. *Andreas Osterwalder*  
Instiute of Chemical Sciences and Enginee-  
ring, EPFL  
'Controlling the motion of molecules in the  
gas phase – towards chemistry at absolute  
zero'
- 1.12.2011 Prof. Dr. *Guy Royal*  
Département de Chimie Moléculaire, Uni-  
versité Joseph Fourier, Grenoble, France  
'Molecular Switches and Responsive coordi-  
nation polymers'

**Departement für Chemie und Biochemie der  
Universität Bern  
Organische und Bioorganische Chemie**

Hörsaal EG16, Universität Bern, Freiestrasse 3, CH-3012 Bern  
Dienstag, 16.30 h, Gäste sind willkommen

- 13.12.2011 Dr. *Yves Auberson*  
Novartis Basel  
'Discovering new imaging tracers to faci-  
tate drug development'

**Département de Chimie organique, Université de  
Genève**

Sciences II, Quai Ernest-Ansermet 30, 1205 Genève

- 25.11.2011 Prof. *Tom Rovis*  
Vendredi  
Colorado State University, USA  
14.15 h  
Title to be announced  
Auditoire A150
- 1.12.2011 Dr. *Dario Bassani*  
Jeudi  
Institut des Sciences Moléculaires,  
University of Bordeaux, France  
16.30 h  
'Supramolecular Control of Excited-State  
Interactions for Material Applications'
- 5.12.2011 Prof. *Alanna Schepartz*  
Lundi  
Yale University, USA  
16.30  
Title to be announced  
Auditoire A100

**Institut de Chimie, Université de Neuchâtel  
Avenue de Bellevaux 51, Neuchâtel, Salle GE14 (3ème  
étage)**

Mercredi, 10.30 h

- 23.11.2011 Prof. *Peter Lay*  
EPF Lausanne  
'New Organic Chemistry of Sulfur Dioxide  
and Mechanistic Insights in Ir-Catalyzed  
Allylic Substitution'
- 7.12.2011 Prof. *Melanie Sanford*  
University of Michigan, USA  
'Ann Arbor New Methods for Carbon-  
Hydrogen Bond Functionalization'

**Institut des Sciences et Ingénierie Chimiques, EPFL  
Lausanne**

BCH 2218, Batiment Chimie UNIL, EPFL,  
CH-1015 Lausanne  
Mercredi, 17.15 h

7.12.2011

Prof. Dr. *Dieter Steinhilber*  
Institut für Pharmazeutische Chemie,  
Goethe-Universität Frankfurt, D  
'5-Lipoxygenase as target for novel anti-  
inflammatory and anticancer drugs'

30.11.2011

Prof. *Hans Dieter Arndt*  
Friederich-Schiller University Jena,  
Germany  
'Peptide Natural Products – Inspiration for  
Synthesis and Chemical Biology'

**Laboratorium für Organische Chemie der ETH Zürich**  
Hörsaal HCI J 3, ETH Campus Science City (Hönggerberg),  
CH-8093 Zürich  
Montag, 16.00 h, anschliessender Apéro, Gäste sind willkommen

7.12.2011

Prof. *Alanna Schepartz*  
Yale University, USA  
Title to be announced

12.12.2011

Prof. Dr. *Jeffrey Johnson*  
Dept. of Chemistry, The University of North  
Carolina, USA  
'Stereoselective Synthesis. Some Recent  
Case Studies'

14.12.2011

Dr. *Marco Bandini*  
University of Bologna, Italy  
'Indole: an Inspiring Molecular Platform for  
Asymmetric Catalysis'

**Laboratorium für Physikalische Chemie der ETH  
Zürich**

HCI J 3, ETH Campus Science City (Hönggerberg), Wolfgang-  
Pauli-Str. 10, CH-8093 Zürich  
Dienstag, 16.45 h, Gäste sind herzlich willkommen

**C4 Seminar Series**

**Competence Center for Computational Chemistry,  
Zürich**

HCI J 6/J 3, ETH Zürich, Campus Science City (Hönggerberg),  
Wolfgang-Pauli-Strasse 10, CH-8093 Zürich  
Donnerstags, 13.00 h

29.11.2011

Prof. Dr. Dr. h.c. *Jürg Fröhlich*  
Department Physik, ETH Zürich  
'Quantum Mechanics and Reality'

24.11.2011

Prof. Dr. *Nicola Spaldin*  
ETH Zürich  
'Computational Materials and Cosmic  
Strings'

6.12.2011

*Alexander Kushnarenko*  
Laboratorium für Physikalische Chemie,  
ETH Zürich  
'Investigation of intramolecular vibrational  
energy flow in polyatomic molecules by the  
femtosecond pump-probe technique'

1.12.2011

Dr. *Richard W. Pastor*  
National Institutes of Health (NIH),  
Bethesda, USA  
'Molecular Dynamics Simulations of  
Membrane Curvature'

13.12.2011

Dr. *Helge Ewers*  
Institut für Biochemie, ETH Zürich  
'Seeing the forest, tree by tree – single  
molecule-localization based superresolution  
microscopy of biological structures'

8.12.2011

Dr. *Marcello Sega*  
Universität Stuttgart, Stuttgart, D  
'Computing Dielectric Properties of Charged  
Soft-Matter'

**Institut Pharmazeutische Wissenschaften der ETH  
Zürich**

HCI J 7, ETH Campus Science City (Hönggerberg), Wolfgang-  
Pauli-Str. 10, CH-8093 Zürich  
Mittwochs, 17.15 h

**Syngenta Chemistry Lectures**

Syngenta Crop Protection, WST-810-E-75, Schaffhauserstrasse,  
CH-4332 Stein  
Donnerstag, 10.00 h

23.11.2011

Prof. Dr. *Rolf Müller*  
Institut für Pharmazeutische Biotechnologie,  
Universität des Saarlandes, D  
'Genomics, Mass Spectrometry, Bioinforma-  
tics and Biotechnology for Microbial Drug  
Discovery'

1.12.2011

Prof. *Armido Studer*  
University of Münster, D  
Title to be announced

30.11.2011

Prof. Dr. *Anne Müller*  
Institut für Molekulare Krebsforschung,  
Universität Zürich  
'Tolerogenic dendritic cells drive Treg dif-  
ferentiation and induce Helicobacter pylori-  
specific immune tolerance and protection  
against asthma'