

# CH Information

News – Honors – Workshops – Conferences – Lectures

## HONORS

Prof. **Jean-Christophe Leroux**, Institute of Pharmaceutical Sciences, ETH Zurich, professor for Drug Formulation & Delivery, received the *2010 Debiopharm Life Sciences Award* for his innovative research on polymer chemistry, nanotechnology and pharmaceutical sciences to yield novel drug therapies.

Prof. em. **Albert Eschenmoser**, Laboratory of Organic Chemistry, ETH Zurich, received the title of *Doctor honoris causa* of the *Leopold-Franzens-University*, Innsbruck, Austria.

Prof. **Ari Helenius**, Biochemistry Institute, ETH Zurich, has been awarded the *Otto Warburg Medal* from the 'Deutsche Gesellschaft für Biochemie und Molekularbiologie'. He also received the *Bijvoet Medal* from the University of Utrecht, The Netherlands.

Prof. **Frédéric Merkt**, Laboratory of Organic Chemistry, ETH Zurich, received from the Optical Society of America the *2010 William F. Meggers Award* for his ground-breaking work on the ultrahigh resolution spectroscopy of Rydberg states of atoms and molecules, and for the refinement of high-resolution photoelectron spectroscopy and its application to the determination of the structural and dynamical properties of molecular cations.

Prof. **Renato Zenobi**, Laboratory of Organic Chemistry, ETH Zurich, was twice honored with the title of a *Professor Honoris Causa*, one from the Changchun Institute of Applied Chemistry, China, and one from the Chinese Academy of Science.

Prof. **Ulrike Kutay**, Biochemistry Institute, ETH Zurich, will receive the Alexander-von-Humboldt-Prize. The award is tied to accepting the appointment as a professor at the University of Würzburg, Germany.

## LECTURES

### Berner Chemische Gesellschaft

Hörsaal EG 16, Universität Bern, Departement für Chemie und Biochemie, Freiestrasse 3, CH-3012 Bern  
Mittwochs, 16.30 h. Kaffee um 16.10 Uhr vor dem Hörsaal

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|------------|---|
| 27.10.2010 | Prof. Dr. <i>Christian G. Bochet</i><br>University of Fribourg<br>'Photochemical Approaches to the Synthesis of (un)natural Products' |
| 10.11.2010 | Prof. Dr. <i>Anke Weidenkaff</i><br>Empa, Dübendorf<br>'Was kann die Festkörperchemie für die Energietechnik tun?'                    |
| 24.11.2010 | Prof. Dr. <i>Stefan Matile</i><br>University of Geneva<br>'Supramolecular Leaves and Noses'   |

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

Main auditorium, Chemistry Department, chemin du Musée 9, Fribourg

Tuesday, 17.15 h. Coffee and tea will be served in front of the auditorium about 30 minutes before the lecture

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| 9.11.2010  | Prof. <i>Nicolay V. Tsarevsky</i><br>Southern Methodist University, Dallas, USA<br>'Functional and Biodegradable Polymers with Controlled Architecture by Atom Transfer Radical Polymerization (ATRP)' |
| 16.11.2010 | Prof. <i>Peter Schurtenberger</i><br>University of Lund, Sweden<br>'Responsive Colloids – From Model Atoms to Novel Materials'   |
| 23.11.2010 | Prof. <i>Klaus Müllen</i><br>Max-Planck Institute for Polymer Research, Mainz, D<br>'Is the Future Black? – The Search for Graphene and Carbon Materials'  |

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

Kleiner Hörsaal Organische Chemie, Departement Chemie, Universität Basel, St. Johanns-Ring 19, CH-4056 Basel

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|-------------------------------------|--|
| 28.10.2010<br>Donnerstag<br>17.30 h | Prof. Dr. <i>James Leighton</i><br>Columbia University, New York, USA<br>'Efficient, Scalable and Highly Enantioselective Methods for the Synthesis of Structurally and Stereochemically Complex Carbinamines' |
| 29.10.2010<br>Freitag<br>10.45 h    | Prof. Dr. <i>James Leighton</i><br>Columbia University, New York, USA<br>'Pushing the Frontiers of Efficiency in Natural Product Synthesis'  |
| 8.11.2010<br>Montag<br>10.45 h      | PD Dr. <i>Dominik Brühwiler</i><br>Universität Zürich<br>'Luminescent Molecules in Silicate Nanochannels'  |
| 12.11.2010<br>Freitag<br>10.45 h    | Prof. Dr. <i>Nicolas Winssinger</i><br>Université de Strasbourg, F<br>'Translating Instructions into Function by Self Assembly'  |

### Departement Chemie der Universität Basel Physikalische Chemie

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

- 27.10.2010 Prof. Dr. *A.G. Csaszar*  
Institute of Chemistry, Eötvös, Budapest, Hungary  
'Computational Molecular Spectroscopy'
- 3.11.2010 Prof. Dr. *R. Warburton*  
Departement Physik, Universität Basel  
'Artificial Atoms using Semiconductors'
- 10.11.2010 Prof. Dr. *M. Drewsen*  
Department of Physics and Astronomy,  
University of Aarhus, Denmark  
'Experimenting with a Single Molecule  
at the Time'
- 24.11.2010 Prof. Dr. *P. Treutlein*  
Departement Physik, Universität Basel  
'Atom Chips – a Quantum Laboratory  
on a Microchip'

### Departement Pharmazeutische Wissenschaften der Universität Basel

Hörsaal 1, Pharmazentrum, Klingelbergstr. 50, CH-4056 Basel  
Mittwochs, 17.00 h

- 27.10.2010 Dr. *Jörg Weiser*  
Senior Vice President of International  
Operations, Schrödinger Inc.  
'The Relationship between Unhappy Waters  
and Happy Ligands in Drug Design'
- 3.11.2010 Prof. *Markus Rudin*  
ETH Zürich  
'Noninvasive Imaging Hypoxia and its Down-  
stream Consequences in Experimental Tumor  
Models'
- 10.11.2010 Prof. *Rolf Müller*  
Pharmaceutical Biotechnology, University of  
Saarbrücken, D  
'Myxobacteria: Cool Bugs for Novel Drugs'
- 17.11.2010 Prof. Dr. *Ari Helenius*  
ETH Zürich  
'Antiviral Agents against Host Targets'
- 24.11.2010 Prof. Dr. *Jürg Gertsch*  
Institute of Biochemistry and Molecular Medi-  
cine, Bern  
'Exo and Endocannabinoids – About Plant  
Natural Products and Brain Fatty Acid  
Metabolites'

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

Universität Bern, Hörsaal S481, Freiestrasse 3, CH-3012 Bern  
Donnerstags, 11.15 h

- 28.10.2010 Prof. Dr. *Attila G. Csaszar*  
Institute of Chemistry, Lab. of Molecular Spec-  
troscopy, Eötvös Loránd University, Budapest,  
Hungary  
'Computational Molecular Spectroscopy'
- 4.11.2010 Prof. Dr. *Dominik Fleitmann*  
Institut für Geologie und Oeschger Centre for  
Climate Change Research (OCCR), Universität  
Bern  
'Paleoclimatic Significance of Chemical and  
Physical Parameters in Stalagmites'

### Departement Chemie und Biochemie der Universität Bern Biochemie

Universität Bern, Hörsaal S 481, Freiestrasse 3, CH-3012 Bern  
Montags, 16.30 h

- 8.11.2010 Prof. *Bettina Warscheid*  
Dept. of Proteomics/Bioanalytics, Ruhr-Uni-  
versität Bochum, Zentrum für klinische Forsc-  
hung  
'Studying Biological Networks by Quantitative  
Proteomics'
- 22.11.2010 Prof. *Gunter Meister*  
Lehrstuhl für Biochemie I, NWF III – Biologie  
und Vorklinische Medizin, Universität Regens-  
burg, D  
'Regulation of Small RNA-guided Gene  
Silencing'

### Département de Chimie organique, Université de Genève

Auditoire A-100, Sciences II, 30 quai Ernest-Ansermet, Genève  
Jeudi, 16.30 h

- 28.10.2010 Prof. *Jean Roncali*  
University of Angers, F  
'Molecular Engineering of Functional  $\pi$ -Con-  
jugated Systems'
- 11.11.2010 Prof. Christian Bochet  
University of Fribourg  
Title to be announced
- 18.11.2010 Prof. Juan R. Granja  
University of Santiago de Compostela, Spain  
'Metals in Organic and Supramolecular  
Synthesis : Peptide Nanotubes and Texanes'

**Institut de Chimie, Université de Neuchâtel**

Avenue de Bellevaux 51, Neuchâtel, salle GE14 (3ème étage)  
Mercredi, 10.30 h

27.10.2010 Prof. *James Leighton*  
Columbia University, USA  
'Tandem Reactions and their Application in Polyketide Total Synthesis (Stereoselective Synthesis)'

**Institut Pharmazeutische Wissenschaften der ETH Zürich**

Hörsaal HCI J 7, ETH Hönggerberg, CH-8093 Zürich  
Mittwochs, 17.15 h

27.10.2010 Prof. *François Diederich*  
Laboratorium für Organische Chemie, ETH Zürich  
'Displacing Ordered Water Molecules in Protein-Ligand Complexation: Gaining or Losing?'

3.11.2010 Prof. Dr. *Gisbert Schneider*  
ETH Zentrum Institut für Pharmazeutische Wissenschaften, ETH  
HG F 30 'Vom Modell zum Wirkstoff – Neue Konzepte für das computergestützte Moleküldesign'

10.11.2010 Dr. *Gerhard Müller*  
Proteros Fragments GmbH, Planegg-Martinsried  
'Design of Next-Generation Kinase Inhibitors: On the Pitfalls of Reductionism'

17.11.2010 Dr. *Hans-Peter Vornlocher*  
Roche Kulmbach  
'Towards siRNA-based Therapeutics'

24.11.2010 Dr. *Nicolas Vuilleumier*  
Hôpitaux Universitaires de Genève  
'Anti-apoA-1 IgG as an emergent prognostic marker of cardiovascular complications in high risk populations'

**Laboratorium für Organische Chemie der ETH Zürich**

Hörsaal HCI J 3, ETH Hönggerberg, CH-8093 Zürich  
Montags, 16.30 h, anschliessender Apéro, Gäste sind willkommen

8.11.2010 Prof. Dr. *Scott J. Miller*  
Dept. of Chemistry, Yale University, New Haven, CT/USA  
'Asymmetric Catalysis with Amino Acids and Peptides: Some Structures and Some Functions'

15.11.2010 Prof. Dr. *Andrew Griffiths*  
Inst. de Science et Ingénierie Supramoléculaires (ISIS), Université Louis Pasteur, Strasbourg, F  
'Miniaturizing the Laboratory in Droplets'

22.11.2010 Prof. Dr. *Klaus Müller*  
F. Hoffmann-La Roche AG, Basel  
'Polar Lipocompatible Units for Property Modulation in Drug Discovery'

**Laboratorium für Physikalische Chemie der ETH Zürich**

Hörsaal HCI J 3, ETH Hönggerberg, CH-8093 Zürich  
16.45 h, Gäste sind herzlich willkommen

11.11.2010 Prof. Dr. *Yaron Silberberg*  
Donnerstag Weizmann Institute of Science, Rehovot, Israel  
'On the Shape of the Photon: Coherent Control with Non-classical Light'

16.11.2010 Prof. *Keith A. Earle*  
Dienstag SUNY University at Albany and ACERT Cornell University, USA  
'Parameter Sensitivity and Magnetic Resonance Spectra: A Toolkit for Experimental Design and Analysis'

23.11.2010 *Nassireddin M. Mojarad*  
Dienstag Laboratorium für Physikalische Chemie, ETH Zürich  
'Metal nanoparticles: From Mimicking a Single Molecule to Probing 3D Nanometric Traps'

**Organisch-chemisches Institut der Universität Zürich**

Lecture Hall Y35-F-32, Winterthurerstrasse 190, Universität Zürich-Irchel

2.11.2010 Dr. *Marcus Neumann*  
Dienstag Avant-garde Materials Simulation Deutschland, Freiburg, D  
17.15 h 'Crystal Structure Prediction Beyond Proof of Concept'

HCI J 3, ETH Zürich, Campus Science City (Hönggerberg)  
8.11.2010 Prof. Dr. *Scott J. Miller*  
Montag Yale University, New Haven, CT, USA  
16.30 h 'Asymmetric Catalysis with Amino Acids and Peptides: Some Structures and Some Functions'

Lecture Hall 35-F-32, Winterthurerstrasse 190, Universität Zürich-Irchel

16.11.2010 Prof. *Scott Snyder*  
Dienstag Columbia University, New York, USA  
17.15 h 'Lessons in Chemoselectivity: Total Synthesis of Polyphenolic Natural Products'

HCI J 3, ETH Zürich, Campus Science City (Hönggerberg)  
18.11.2010 Prof. *Ken Houk*  
Donnerstag University of California, Los Angeles, USA  
13.00 h Title to be announced