

CH Information

News – Honors – Workshops – Conferences – Lectures

HONORS

The Abdus Salam International Centre for Theoretical Physics has awarded Prof. **Michele Parrinello**, Laboratory of Physical Chemistry, ETH Zürich, and Prof. **Roberto Car**, Department of Chemistry, Princeton University, the 2009 Dirac Medal and Prize in recognition of their joint contribution in the development of the *ab initio* simulation method in which they combined the quantum mechanical density functional method for the calculation of the electronic properties of matter with molecular dynamics methods for the Newtonian simulation of atomic motions. An award ceremony will be held in early 2010 (http://pio.ictp.it/words/news/prizes_news/2009/2009-ico-ictp-prize-awarded/).

Christian Nilewski, Laboratory of Organic Chemistry, ETH Zürich, was awarded the second prize of the DSM Science & Technology Awards (South) for his PhD research on marine toxins and their effect on human health (http://www.dsm.com/en_US/html/da/Winners_South_2009.htm).

Dr. **Felix Zelder**, Institute of Inorganic Chemistry, University of Zurich, received the Mercator Prize 2009 for the development of a new, visual, sensitive, and highly selective detection method for cyanides by means of B12 and its derivatives. The Mercator Prize honors exceptional research accomplishments of young scientists (http://cms.stiftung-mercator.ch/cms/front_content.php).

LECTURES

Berner Chemische Gesellschaft

Hörsaal EG 16, Freiestrasse 3, 3012 Bern
Mittwochs, 16.30 Uhr
Kaffee um 16.10 Uhr vor dem Hörsaal

4.11.2009 Prof. Dr. *Steven Benner*
FfAME, Gainesville, USA
'Synthetic Biology, Artificial Chemical Systems Capable of Darwinian Evolution'

18.11.2009 Prof. Dr. *Peter Schurtenberger*
Physics Department, University Fribourg
'Nanoparticles – From Fundamentals to Novel Materials'

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

Main Auditorium, ch. du Musée 9, 1700 Fribourg
Mardi, 17.15 h
Coffee and tea will be served in front of the auditorium about 30 minutes before the lectures

3.11.2009 Prof. *Karl-Heinz Altmann*
Department of Chemistry and Applied Biosciences, ETH Zürich
'Natural Products as Leads for Anticancer Drug Discovery'

Departement Chemie der Universität Basel Anorganische und Organische Chemie

Departement Chemie, Universität Basel, kleiner Hörsaal,
Organische Chemie, St. Johannis-Ring 19, 4056 Basel

29.10.2009 Prof. Dr. *Michele Parrinello*
Donnerstag
17.30 Uhr
Vortrag der Basler Chemischen Gesellschaft
ETH Zürich
Title to be announced

29.10.2009 Prof. Dr. *James Leighton*
Donnerstag
10.45 Uhr
Columbia University, New York, USA
Title to be announced

9.11.2009 Prof. Dr. *Christophe Coperet*
Montag
14.00 Uhr
Université de Lyon, F
'Molecular Control and Understanding of Reactions on Surfaces: Access to Efficient Heterogeneous Single-site Catalysts and New Directions'

12.11.2009 Prof. Dr. *Oliver Seitz*
Donnerstag
17.30 Uhr
Vortrag der Basler Chemischen Gesellschaft
Humboldt Universität Berlin, D
'Smart Peptide and Nucleic Acid Hybrids for the Interrogation of Biology'

18.11.2009 Prof. Dr. *Adriaan J. Minnaard*
Mittwoch
17.30 Uhr
University of Groningen, NL
'Asymmetric Catalysis in the Synthesis of Natural Products'

Departement Chemie der Universität Basel Physikalische Chemie

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

28.10.2009 PD Dr. *K. R. Asmis*
Fritz-Haber Institut, Berlin, D
'Vibrational Spectroscopy of Microhydrated Ions: About Solvated-separated Ion Pairs and Solvent-induced Conformational Changes'

11.11.2009 Prof. Dr. *T. J. Millar*
School of Maths and Physics, Queen's
University Belfast, Northern Ireland
'Chemical Models of Protoplanetary Disks'

**Departement Pharmazeutische Wissenschaften der
Universität Basel**

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

28.10.2009 Dr. *Christopher Goldring*
University of Liverpool, UK
'Drug-induced Liver Injury: The Early
Molecular Events and Why We Need Better
Models'

4.11.2009 Prof. Dr. *Regine Peschka-Süss*
University of Freiburg, D
'Targeted Nanoparticulate Delivery for
Tumor and Gene Therapy'

11.11.2009 Dr. *Patrick Müller*
Novartis Pharma AG, Basel
'Toxicity Biomarkers: Translation from
Preclinical Safety Assessment to Clinical
Safety Monitoring'

18.11.2009 Prof. *Hans-Uwe Simon*
University of Bern
'New Approaches in the Treatment of Atopic
Eczema and Eosinophilic Esophagitis'

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

Anorganische, Analytische und Physikalische Chemie
Hörsaal S481, Freiestrasse 3, 3012 Bern
Donnerstags, 11.15 Uhr

29.10.2009 Prof. Dr. *Stefan Willitsch*
Departement Chemie, Universität Basel
'Cold Chemistry with Cold Ions'

5.11.2009 Dr. *Hans-Arno Synal*
Labor für Ionenstrahlphysik, ETH Zürich
'New and Future Possibilities of Low-energy
AMS (Accelerator Mass Spectrometry)'

19.11.2009 Prof. Dr. *Christoph Janiak*
Institut für Anorganische und Analytische
Chemie, Universität Freiburg, D
'From Coordination Polymers to Hydrogen-
Bonded Networks'

**Departement Chemie und Biochemie der Universität
Bern**

Biochemie
Hörsaal 481, Freiestrasse 3, 3012 Bern
Montags, 16.30 Uhr

2.11.2009 Prof. *Patrick C. Fraering*
Ecole Polytechnique Fédérale de Lausanne
(EPFL)
'Structure and Function of Gamma-
secretase, an Intramembrane-cleaving
Protease Implicated in Alzheimer's disease'

9.11.2009 Prof. *Petr Leimann*
Institut de physique des systèmes biolo-
giques, Ecole Polytechnique Fédérale de
Lausanne (EPFL)
'The Structure and Function of Mole-
cular Machines Involved in Infection of
Eukaryotic and Prokaryotic Cells'

16.11.2009 Dr. *Fabian Käsermann*
CSL Behring AG, Bern
'Sialic Acid Enriched Human IgG in
Inflammation'

23.11.2009 Dr. *Jan Frank*
Universität Hohenheim, Institut für
Biologische Chemie und Ernährungswissen-
schaft, Stuttgart, D
'The Importance of Hepatic Proteins for
Vitamin E Function and Retention'

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

A-100 Sciences II, Quai Ernest-Ansermet 30, Geneva
Jeudi, 16.30 h

29.10.2009 Prof. *Istvan Marko*
Catholic University of Louvain, Department
of Chemistry, Louvain-la-Neuve, B
'Efficient Total Synthesis of Complex
Natural Products'

2.11.2009 Prof. Dr. *Keiji Maruoka*
Lundi
Dept. of Chemistry, Graduate School of
Science, Kyoto University, Japan
Title to be announced

12.11.2009 Prof. Dr. *Gordon Tiddy*
Molecular Materials Centre, University of
Manchester, UK
Title to be announced

19.11.2009 Prof. Dr. *Albrecht Berkessel*
14.00 h
1S059
Sciences III
Dept. of Chemistry, University of Cologne, D
Title to be announced

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

Amphimax 414, UNIL, CH-1015 Lausanne

4.11.2009 Prof. *Dieters Enders*

Mercredi
10.15 h
Institute of Organic Chemistry, RWTH
Aachen University, D
'Biomimetic Organocatalysis: Methods and
Applications'

17.11.2009
Mardi
17.15 h
Dr. *Jieping Zhu*
Institut de Chimie des Substances Natu-
relles, CNRS, Gif-sur-Yvette, F
'Total Synthesis of Ecteinascidin 743 and
Related Antitumor Natural Products'

**Institut Pharmazeutische Wissenschaften der ETH
Zürich**ETH Zürich, Hönggerberg, HCI J 7
Mittwochs, 17.15 Uhr

28.10.2009 Prof. *Lucie Blais*
Université de Montréal, Faculté de
Pharmacie
'Drug Use, Effectiveness and Safety in
Asthma: Pharmacoepidemiologic Studies'

11.11.2009 Prof. *Francesco Peri*
Università Milano-Bicocca, I
'New Sugar-derived Antisepsis Agents: A
Chemical Genetic Approach to Study the
Endotoxin Recognition Process'

18.11.2009 Prof. *Stewart Cole*
EPFL, School of Life Sciences
'New Drugs for Tuberculosis'

Laboratorium für Organische Chemie der ETH ZürichHörsaal HCI J 3, ETH Hönggerberg, 8093 Zürich
Montags, 16.30 Uhr
anschliessender Apéro, Gäste sind willkommen

9.11.2009 Prof. Dr. *Christina Moberg*
KTH Royal Institute of Technology,
Stockholm, S
'Acylcyanation of Aldehydes – Minor
Enantiomer Recycling for Improved
Enantioselectivity'

16.11.2009 Organisch-chemische Kolloquien /
Novartis-Vorlesung
Prof. Dr. *David Leigh*
University of Edinburgh, UK
'The Magic of Synthetic Molecular Motors
and Machines'

23.11.2009 Prof. Dr. *Oliver Trapp*
Ruprecht-Karls-Universität Heidelberg, D
'Super High-Throughput Screening of
Catalysts: Integration of Reactions and
Separations'

**Laboratorium für Physikalische Chemie der ETH
Zürich**ETH Zürich, Wolfgang-Pauli-Strasse 10, HCI J 3
Dienstags, 16.45 Uhr
Gäste sind herzlich willkommen. Nach Veranstaltungen im HCI
J 3 laden wir Sie herzlich zu einem Apéro ein.

3.11.2009 Prof. Dr. *Robert Bittl*
Fachbereich Physik, Freie Universität
Berlin, D
'Functional Paramagnetic States in
Photoactive Proteins'

11.11.2009
Mittwoch
Dr. *Christine Peter*
Max-Planck-Institut for Polymer Research,
Mainz, D
'Development of Hierarchical Simulation
Models for Structure Formation in Biologi-
cal and Biomimetic Materials'

17.11.2009 *Robert Lettow*
Laboratorium für Physikalische Chemie,
ETH Zürich
'Interfering Single Photons Emitted from
Two Distant Molecules'

24.11.2009 Prof. Dr. *Nico van der Vegt*
TU Darmstadt, Darmstadt, D
'Solvent-mediated Interactions on Small and
Large Length Scales'

**Physikalisch-chemisches Institut der Universität
Zürich**Universität Zürich-Irchel, Hörsaal 34-K-01
Donnerstag, 10.15 Uhr

5.11.2009 Prof. Dr. *Kazuhiko Ishihara*
Department of Materials Engineering,
School of Engineering, University of Tokyo,
Japan
'Bioinspired Interface for Nanobiodevices
Based on Phospholipid Polymer Chemistry'