

CH Information

News – Honors – Workshops – Conferences – Lectures

HONORS

Prof. *Martin Quack*, Laboratory of Physical Chemistry, ETHZ, received a honorary doctoral degree from the Faculty of Chemistry of the Georg-August-University in Göttingen, Germany. He was honored for his contributions to the understanding of the principles of chirality and symmetry in molecular processes.

CONFERENCES/WORKSHOPS/SYMPOSIA

Theory & Modeling at the Chemistry-Biology Interface

April 30 to May 6, 2009, 10.00–13.00

Institute of Organic Chemistry, University of Zurich

This five-day course will be presented by Prof. David Beratan, Duke University, Durham, USA.

http://www.oci.uzh.ch/edu/lectures/short_courses/Beratan/Beratan.php

Practical Kinetics

7–12 May, 2009, 10.00–13.00

Institute of Organic Chemistry, University of Zurich

This four-day course will be presented by Prof. Charles I. Perrin, University of California at San Diego UCSD, USA.

http://www.oci.uzh.ch/edu/lectures/short_courses/Perrin/Perrin.php

Festival science et cité – Basecamp 09

Biotreibstoffe: Energie kontra Nahrungsmittel

2 May, 2009, 11.00–12.00, Turbinenplatz Zürich

Eine öffentliche Diskussion mit Experten über die Möglichkeiten und Grenzen des 'grünen Benzins', organisiert von der Schweizerischen Akademie der Technischen Wissenschaften SATW.

<http://www.basecamp09.ch>

Analyze that! – Analytical Chemistry Symposium

13 May 2009, ETH Zürich

Following the footsteps of CEAC, this symposium aims to bring together researchers in the field of analytical chemistry in order to discuss their latest scientific results. The symposium will take place in the new HIT (E51) building at ETH Zurich, Hoenggerberg.

<http://www.analytica.ethz.ch/analyzethat>

Patenting in Life Science – A Course for PhD Students

4–5 June, 2009, Les Diablerets

The two-day course with workshops will give an introductory overview of various aspects of patenting in life sciences. It will thus close a gap in the curricula of students in this field. Lectures will include patent basics, issues concerning patenting in an academic research lab such as publishing and/or patenting, patenting challenges in a spin off company and ethical considerations in patenting.

<http://www.3eme-cycle.ch/biologie/pages/entry.php?code=bs13-09>

VIII European Symposium of The Protein Society

14–18 June, 2009, Kongresshaus Zurich

A special highlight of the symposium will be the celebration of the 50th anniversary of the determination of the first high resolution structure ever of a protein – myoglobin – one of the foundations of modern protein science. The scientists involved in this scientific breakthrough in the summer of 1959 will give presentations at the meeting.

<http://www.proteinsocietyzurich2009.org/>

EuCheMS Sponsored Events May/June 2009

For a full list of events see <http://www.euchems.org/SponsoredEvents/2009.asp>

Chemical Reactions in Foods VI

13–15 May, 2009, Prague, Czech Republic

<http://www.carolina.cz/crfVI>

44th EUCHEM Conference on Stereochemistry – Bürgenstock Conference 2009

17–22 May, 2009, Brunnen, Switzerland

<http://www.stereochemistry-buergenstock.ch>

12th International Conference on Chemistry and the Environment

14–17 June, 2009, Stockholm, Sweden

<http://www.chemsoc.se/sidor/KK/icce2009.htm>

XVIII EuCheMS Conference on Organometallic Chemistry

22–25 June, 2009, Göteborg, Sweden

<http://www.chemsoc.se/sidor/KK/comc18/index.htm>

LECTURES

Berner Chemische Gesellschaft

Hörsaal EG 16, Freiestrasse 3, CH-3012 Bern

Mittwochs, 16.30 h

Kaffee um 16.10 Uhr vor dem Hörsaal

29.4.2009

Prof. Dr. *Martin Kemp*

Department of the History of Art, University of Oxford, UK

Wegen Krankheit des Referenten fällt der Vortrag aus

13.5.2009

Prof. Dr. *Philippe Hünenberger*

Laboratorium für Physikalische Chemie, ETH Zürich

'Using Computer Simulation to Investigate Electrostatic Interaction in Aqueous Solution: from Simple Ions to Biomolecules'

Departement Chemie der Universität Basel Anorganische und Organische Chemie

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

- 11.5.2009 Prof. Dr. *Jonathan Sessler*
Montag University of Texas, Austin, USA
16.00 h 'Oligopyroles: New Receptors for
Potentially Hazardous Materials'
- 11.5.2009 Prof. Dr. *Timothy Swager*
Montag MIT Boston, USA
17.00 h Title to be announced
- 14.5.2009 Dr. *Philippe Karoyan*
Donnerstag Université Pierre et Marie Curie, Paris, F
11.00 h 'Amino Acid Chimeras, from Synthesis to
Biological Applications in SAR Studies,
Peptidomimetics and Proteinomimetics'
- 15.5.2009 Prof. Dr. *Nongjian Tao*
Freitag Arizona State University, Tempe, USA
10.54 h 'Single Molecule Device: How Stable is it?'

Departement Chemie der Universität Basel Physikalische Chemie

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

- 29.4.2009 Prof. Dr. *Frédéric Merkt*
Laboratorium für Physikalische Chemie,
ETH Zürich
'Rydberg Atoms and Molecules:
Spectroscopy and Translational Control'
- 6.5.2009 Prof. Dr. *B. Gerber*
Department of Physical Chemistry, Hebrew
University Jerusalem, Israel
'Structure, Vibrational Spectroscopy and
Mass Spectrometry of Biological Molecules
in Gas-Phase'
- 13.5.2009 Prof. Dr. *W.E. Ernst*
Technische Universität, Graz, Österreich
'Cold Molecules on Helium Nanodroplets:
Formation of High-Spin States, Optical
Pumping, and Electron Spin Resonance'

Departement Pharmazeutische Wissenschaften der Universität Basel

Lecture Hall 2, Pharmazentrum, Klingelbergstrasse 50,
CH-4056 Basel
Mittwochs, 17.15 h

- 29.4.2009 Dr. *Philippe Couttet*
Novartis Pharma AG, Muttenz
'Assessment of MicroRNAs as Early
Cardiotoxicity Markers'

- 6.5.2009 Prof. *Laurence Mulard*
Institut Pasteur, Paris, France
'From Bacterial Polysaccharides Toward
Synthetic Carbohydrate-based Vaccines:
The Example of *Shigella flexneri*'
- 13.5.2009 Prof. *Svetlana Ibric*
University of Belgrade, Serbia
'Artificial Intelligence in Pharmaceutical
Product Formulation: Neural Computing'
- 20.5.2009 Prof. *Evi Kostenis*
Inst. for Pharmaceutical Biology, University
of Bonn, D
'Drugs Without Side Effects, Science or
Fiction?'

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

Hörsaal S481, Freiestrasse 3, Bern
Donnerstags, 11.15 h

- 7.5.2009 Prof. Dr. *Makoto Fujita*
Department of Applied Chemistry, The
University of Tokyo, Tokyo, Japan
'Engineering Discrete Aromatic Stacking *via*
Self-assembly'
- 12.5.2009 Prof. Dr. *Nongjian Tao*
Dienstag Biodesign Institute, Arizona State
Hörsaal EG16 University, Tempe, USA
'Moving Charge Efficiently *via* Molecular
Wires: From Benzene to Graphene'
- 14.5.2009 Prof. Dr. *Arieh Warshel*
Department of Chemistry, University of
Southern California, Los Angeles, USA
Title to be announced

Departement Chemie und Biochemie der Universität Bern, Biochemie

Hörsaal S 481, Freiestrasse 3, Bern

- Montag, 4.5.2009 Dr. *Torsten Ochsenreiter*
Montag Institute of Cell Biology, University of Bern
16.30 h '1001 Proteins and One Organelle, How
Trypanosomes Build a Mitochondrion'

Département de Chimie minérale, analytique et appliquée, Université de Genève

Salle A100 Sciences II, 30 quai Ernest-Ansermet, Genève

- 20.5.2009 Prof. *Enzo Terreno*
Mercredi Università degli studi di Torino, I
16.30 h 'Paramagnetic Nanosized Probes for
Biomedical MRI Applications'

Département de Chimie organique, Université de Genève

Salle A100 Sciences II, 30 quai Ernest-Ansermet, Genève

30.4.2009
Jeudi
16.30 h

Dr. *Laurent Micouin*
Université Paris Descartes, Paris V, F
'Diversity Oriented Synthesis of Cyclopentanic Amines. Application to the Fragment-Based Elaboration of Aminoglycosides Mimetics'

4.5.2009
Lundi
16.30 h

Prof. *Timothy Swager*
Massachusetts Institute of Technology, Cambridge, MA, USA
'Chemical Sensing with Amplifying Fluorescent Polymer (3ème Cycle)'

14.5.2009
Jeudi
16.30 h

Dr. *Jonathan L. Sessler*
The University of Texas at Austin, Austin, Texas, USA
'Oligopyrrole Macrocycles: Receptors for Potentially Hazardous Materials'

15.5.2009
Vendredi
16.30 h

Prof. *Chien-Tien Chen*
National Tsing Hua University, Hsinchu, Taiwan
'Synergistic Mono and Divalent Ion-specific Transport and Asymmetric Catalysis by Chiral Tridendate Oxidovanadium (V) Methoxides'

22.5.2009
Vendredi
16.30 h

Prof. *Hiroaki Suga*
Research Center for Advanced Science and Technology (RCAST), The University of Tokyo, Tokyo, Japan
'Genetic Code Reprogramming and its Application to the Rapid Discovery of a New Class of Peptidyl Drugs'

26.5.2009
Mardi
16.30 h

Prof. *John Wood*
Imperial College London, London, UK
'Progress Towards a Synthesis of the Welwitindolinones'

Institut Pharmazeutische Wissenschaften der ETH ZürichHörsaal HCI J 3, ETH Hönggerberg, CH-8093 Zürich
Mittwochs, 17.15 h

29.4.2009

Prof. *Beat Ernst*
Universität Basel, Basel
'Fragment-based Lectin Antagonists: Nanomolar, What Else?'

6.5.2009
Universität
Zürich, Irchel
Y17 M05

Prof. *Heinrich Betz*
Max-Planck-Institut für Hirnforschung, Frankfurt am Main, D
'How to Make Inhibitory Synapses'

13.5.2009

Prof. *Elias Fattal*
Université Paris-Sud, F
'Targeted Nanotechnologies for the Delivery of Nucleic Acids and Ultrasound Contrast Agents'

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

4.5.2009

Dr. *Joelle Prunet*
Ecole Polytechnique, Palaiseau, F
'Metathesis and 1,3-Diols: Synthesis of Bioactive Products'

25.5.2009

Prof. Dr. *Daniel Kahne*
Harvard University, Cambridge, USA
'Molecular Machines That Fold Proteins Into Membranes'

Laboratorium für Physikalische Chemie der ETH ZürichHörsaal HCI J 3, ETH Hönggerberg, CH-8093 Zürich
Dienstags, 16.45 h, Gäste sind willkommen

5.5.2009

Dr. *Alexandre M.J.J. Bonvin*
Utrecht University, NL
'Information-driven Modelling of Biomolecular Complexes'

12.5.2009

Dr. *Bojan Zagrovic*
Laboratory of Computational Biophysics, Mediterranean Institute for Life Sciences, Split, Croatia
'Biomolecular Simulations: Bridging the Gap between Theory and Experiment'

Competence Center for Computational Chemistry C4, ETH ZürichHörsaal HCI J 3, ETH Hönggerberg, CH-8093 Zürich
Donnerstags, 13.00 h

7.5.2009

Barbara Kircher
Universität Leipzig, Leipzig, D
'Ionic Liquids from Theoretical Calculations'

14.05.2009

Gustavo Scuseria
Rice University, Houston, USA
'Screened Hybrid Functionals for Solid-state Chemistry and Physics'

28.05.2009

Daan Frenkel
Cambridge University, Cambridge, UK
'Entropy, Disorder and Packing'

Organisch-chemisches Institut der Universität Zürich

Hörsaal F 32, Winterthurerstrasse 190, Universität Zürich Irchel
Dienstags, 17.15 h

- 5.5.2009 Prof. *Alexander Blake*
School of Chemistry, The University of Nottingham, UK
'The Big Squeeze: High Pressure Structural Studies of Small Molecules'
- 12.5.2009 Prof. *Jonathan Sessler*
Department of Chemistry and Biochemistry, University of Texas, USA
'Oligopyrroles: New Receptors for Potentially Hazardous Materials'
- 26.5.2009 Prof. *Peter Rüedi*
Organisch-chemisches Institut, Universität Zürich
'88 Semester – Ein Rückblick'

Physikalisch-chemisches Institut der Universität Zürich

Seminarraum 34-K-01, Universität Zürich Irchel
Donnerstags, 10.15 h

- 30.4.2009 Prof. Dr. *Martin Zanni*
Department of Chemistry, University of Wisconsin-Madison, USA
'Insights into Amyloid Aggregation from Automated 2D IR Spectroscopy'
- 7.5.2009 Prof. Dr. *Barbara Kirchner*
Wilhelm-Ostwald Institut für Physikalische und Theoretische Chemie, Universität Leipzig, D
'Ionic Liquids from Theoretical Calculations'

Novartis Chemistry Lectureship

Horburg Auditorium, WKL-430.320, Müllheimerstrasse 195,
CH-4057 Basel
Mittwoch, 10.30 h

- 6.5.2009 Prof. *Masayuki Inoue*
The University of Tokyo, Tokio, Japan
'Total Synthesis of Architecturally Complex Natural Products'

POSTDOCTORAL RESEARCH OPPORTUNITIES**Foreign Postdoctoral Research Program**

RIKEN, founded in 1917, is the only comprehensive natural sciences research institute in Japan. The institute conducts world-leading research in many fields of the natural sciences, including physics, chemistry, biology, medicine and engineering.

RIKEN is now accepting applications for the FY 2010 Foreign Postdoctoral Researcher Program. This program is for young scientists who have demonstrated creative and innovative ideas.

Salary: 487,000 yen/month
Research budget: 1 million yen/year (allocated to the host lab)
Benefits package: relocation allowance, housing allowance, etc.

For more information, visit the website www.riken.jp and follow the career opportunities link.