

INFORMATION

News

The IUPAC Gold Book

This compendium of chemical terminology is now available online in a new xml-based version: <http://goldbook.iupac.org/>

IUPAC Prize for Young Chemists 2007 – Invitation for Entries

The prize will be given for the most outstanding PhD thesis in the general area of the chemical sciences. Deadline is the 1st of February 2007 for entrants that receive their PhD degree during the calendar year 2006. More information and application forms can be obtained from: <http://www.iupac.org/news/prize.html>

Awards and Honors

Prix Schläfli SCNAT 2006 Honors Two Young Chemists

As part of its continuing efforts in promotion and career advancement each year the Swiss Academy of Natural Sciences awards prizes to young scientists. This year the prize goes to two young chemists. Prof. Dr. **Karl Gademann** (EPF Lausanne) receives the main prize for his outstanding work on natural products. Dr. **Damien Polet** (University of Geneva) receives a special prize for his contribution to the development of new copper and iridium catalysts for organic synthesis.

Sofja Kovalevskaja Prize

The Alexander von Humboldt Foundation awards its Sofja Kovalevskaja prize to Dr. **Jens Bredenbeck** (University of Zurich) for his contribution to femtosecond IR spectroscopy of molecular processes. The cash prize will allow the laureate to start his own independent research career at the Johann Wolfgang Goethe University in Frankfurt, Germany.

Lectures

Berner Chemische Gesellschaft

Dept. für Chemie und Biochemie, Freiestrasse 3, 3012 Bern
Mittwochs, 16.30 Uhr
Kaffee und 16.10 Uhr vor dem Hörsaal

- 10.1.2007 Prof. *Hans-Beat Bürgi*
Hörsaal EG 16 Laboratorium für chemische und mineralogische Kristallographie, Universität Bern
'X-ray Crystallography – Pushing the Limits – Expanding the Boundaries'
- 17.1.2007 Prof. *Michel Rohmer*
Université Louis Pasteur, Strasbourg, France
'Discovery and Elucidation of the Overlooked Methylerythritol Phosphate Pathway for the Formation of Isoprene Units in Bacteria and Plants'

- 24.1.2007 Prof. *Roald Hoffmann*
Gemeinschaftshörsaal Nobel Prize in Chemistry 1981
Gertrud Woker Cornell University, USA
Strasse 5, Bern 'Story Telling in Science: Honesty, Imagination and Ethics'
Koreferat von Prof. Gerd Grasshoff, Universität Bern.
Gemeinsames Seminar mit dem Institut für Philosophie, Universität Bern.
Aufgrund der räumlichen Verhältnisse ist vor dem Vortrag das Servieren von Kaffee leider nicht möglich.
- 31.1.2007 Prof. *Gion Calzaferri*
Dept. für Chemie und Biochemie, Universität Bern
'Transformation and Storage of Solar Energy'

Société Chimique de Genève

UNI Sciences II – Amphithéâtre A 150, 30 Quai Ansermet,
Lundi, 17h30, Genève

- 22.1.2007 Prof. *J. Lacour*
Université de Genève
'Comment mettre son grain de sel en synthèse
et catalyse'

**Departement Pharmazeutische Wissenschaften der
Universität Basel**

Pharmazentrum, Klingelbergstrasse 50, Basel
Lecture Hall 1, mittwochs, 17.15–18.00

- 10.1.2007 Dr. *Carlos Garcia-Echeverria*
17.00 Uhr Novartis, Basel
'Reversible and Irreversible 20S Protea-
some Inhibitors – A Structure-Based Design
Approach'
- 24.1.2007 Prof. Dr. *Bernd Giese*
Departement of Chemistry, University of
Basel
'About Enzymes that Go Radical'
- 31.1.2007 Prof. Dr. *Laurent Meijer*
Cell Cycle Lab., CNRS, Roscoff and
Rockefeller University, New York
'Inhibitors of Disease-Relevant
Cyclin-Dependent Protein Kinases'
- 7.2.2007 Prof. Dr. *Robert Gurny*
School of Pharmaceutical Sciences,
University of Geneva
'Recent Advances in Photodynamic Therapy'
- 14.2.2007 Dr. *Frank Petersen*
Novartis, Basel
'Natural Products-based Lead Discovery'

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

Departement für Chemie und Biochemie, Freiestrasse 3, Bern
Hörsaal 481, donnerstags, 11.15 Uhr

- 11.1.2007 Dr. *Christoph Düllmann*
Gesellschaft für Schwerionenforschung,
Darmstadt
'Heavy Element Chemistry: On the Way to
New Compound Classes'
- 18.1.2007 Dr. *Serge Stoll*
Chimie Analytique et Biophysico-chimie de
l'Environnement, Université de Genève
'The Many Facets of Polyelectrolytes and
Oppositely Charged Macroions Complex
Formation'

- 1.2.2007 Prof. Dr. *Gerd Meyer*
Institut für Anorganische Chemie, Universität
Köln, D
'Reduced Rare-Earth Halides Without and
With Interstitials'

- 8.2.2007 PD Dr. *Hubert Huppertz*
Department Chemie, Ludwig-Maximilians-
Universität München, D
'Mit Hochdruck in die Festkörperchemie'

**Departement für Chemie und Biochemie der Universi-
tät Bern – Organische Chemie und Biochemie**

Departement für Chemie und Biochemie, Freiestrasse 3,
3012 Bern, Hörsaal 481, montags, 16.30 Uhr

- 15.1.2007 Prof. *Eilika Weber-Ban*
Institut für Molecularbiologie und Biophysik,
ETH Zürich
'The AAA-Protease Connection: A Closer
Look at Controlled Destruction'
- 22.1.2007 Prof. *Thomas Langer*
Institut für Genetik, Universität Köln, D
'Quality Control and Protein Processing
by AAA-Proteases in Mitochondria'
- 29.1.2007 Dr. *Marcus Thelen*
Institute for Research in Biomedicine,
Bellinzona
'CXCR7/RDC1 vs CXCR4: Common and
Distinct Features of Chemokine Receptors'

**Département de Chimie minérale, analytique et
appliqué, Université de Genève**

Sciences II, Quai Ernest Ansermet, Genève
Le mercredi, 16.30h

- 10.1.2007 Prof. *Jean-Pierre Sauvage*
Auditoire Université Louis Pasteur, Strasbourg, France
A-150 30 'De la topologie aux machines moléculaires'
- 17.1.2007 Prof. *Martien Cohen Stuart*
Auditoire Colloid and Physical Chemistry, Wageningen
A-100 30 University, The Netherlands
'Charge-Driven Self-Organization in Soft
Matter'
- 31.1.2007 Dr. *Sébastien Floquet*
Auditoire Institut Lavoisier, Université de Versailles,
A-150 30 France
'Auto-assemblages de composés oxothiomo-
lybdiques cycliques basés sur le fragment
dinucléaire $[Mo_2O_2S_2(H_2O)_6]^{2+}$ '
- 7.2.2007 Prof. *Santiago Alvarez*
Auditoire Facultat de Química, Barcelona, Spain
A-150 30 'Redefining Molecular Shape and Symmetry
as Continuous Functions'

Département de Chimie organique, Université de Genève

Sciences II, Auditoire A-100 30, Quai E. Ansermet, 1211 Genève 4
Le jeudi, 16.30h

- 18.1.2007 Prof. *Tony James*
Department of Chemistry, University of Bath,
Bath, UK
'Boronic Acids in Molecular Recognition'
- 8.2.2007 Dr. *Andreas Hermann*
Firmenich, Genève, CH
'PH Changes in Water. A Trigger to Control
the Release of Volatile Organic Compounds
by Chemical Bond Cleavage'
- 15.2.2007 Prof. *Manfred Mutter*
EPL, Lausanne, CH
'Switch-Peptides for the Study of Fibrillo-
genesis in Neurodegenerative Diseases'
- 22.2.2007 Prof. *Pascal Auffinger*
Université Louis Pasteur, Strasbourg, F
'On the Importance of Modeling Accurately
Intermolecular Interactions in Biomolecular
Systems'

Center of Excellence in Analytical Chemistry at ETH Zürich

ETH Zentrum, CH-8092 Zürich
Hörsaal CAB G51, donnerstags, 17.00 Uhr
Apéro um 18.00 Uhr vor dem Hörsaal

- 18.1.2007 Prof. *Huan-Cheng Chang*
Institute of Atomic and Molecular Sciences,
Academia Sinica, Taipei, Taiwan
'Measuring Masses of Single Viruses and
Biological Cells with Quadrupole Ion Trap'
- 1.2.2007 Prof. *René Schwarzenbach* & Dr. *Thomas
Hofstetter*
Institute for Environmental Chemistry,
ETH Zürich
'Using Compound-Specific Stable Iso-
tope Analysis to Assess Organic Pollutant
Transformation in the Environment'

Institut für Chemie- und Bioingenieurwissenschaften (ICB) ETHZ

ETH Zürich Hönggerberg
Freitags, 10.30 Uhr, HCI H2
Seminarreihe: Sicherheit und Umweltschutz in der Chemie

- 12.1.2007 Dr. *Andreas Gerecke*
Abteilung Analytische Chemie, EMPA
Dübendorf
'Sources and Transformation Processes of
Decabromodiphenyl Ether'

- 19.1.2007 Dr. *Andreas Hartmann*
Novartis Pharma AG, Basel
'Examples for Fate and Effect Modeling in
Pharmaceutical Industry Practice'

- 26.1.2007 *Hirokazu Sugiyama*
Gruppe für Umwelt- und Sicherheits-
technologie, ETH Zürich
'A Decision-Making Framework for Chemical
Process Development Integrating Environ-
mental, Health and Safety Aspects'

Institut Pharmazeutische Wissenschaften der ETH Zürich

ETH Zürich Hönggerberg
Mittwochs, 17.15 Uhr, Hörsaal HCI J3,
Seminars on Drug Discovery and Development

- 10.1.2007 Prof. Dr. *Alex Matter*
Novartis Institute for Tropical Diseases,
Singapore
'New Medicines for Tropical Diseases'
- 17.1.2007 Prof. Dr. *Andreas Zimmer*
Laboratory of Molecular Neurobiology,
Universität Bonn
'Transgenic Animals for the Analysis of
Neuromodulators: From Basic Research to
Pharmaceutical Application'
- 24.1.2007 Dr. *Andreas Reichel*
Schering AG, Berlin
'Current Challenges in Assessing CNS
Penetration in Human'

Laboratorium für Organische Chemie der ETH Zürich

ETH Hönggerberg, 8093 Zürich
Montags, 16.30 Uhr, Hörsaal HCI J3
Gäste sind willkommen

- 8.1.2007 Prof. Dr. *Frank Glorius*
Philipps-Universität Marburg, Marburg, DE
'Organocatalyzed Conjugate Umpolung and
Other Efficiently Catalyzed Reactions'
- 15.1.2007 Prof. Dr. *Rudolf Aebersold*
Institut für Molekulare Systembiologie der
ETH Zürich
'Chemical and Peptide Probes to Probe
Proteins and Proteomes'
- 29.1.2007 Prof. Dr. *Homme W. Hellings*
Duke University, Durham, USA
'Computational Design of Proteins: Theory,
Experiments, Applications'

Laboratorium für Physikalische Chemie der ETH Zürich

ETH Zürich Hönggerberg
Dienstags, 16.45 Uhr, HCI J3

- 16.1.2007 Prof. Dr. *Wolfgang Scherer*
Vrije Universiteit Amsterdam, The Netherlands
'On the Control of C–H and Si–H Bond Activation in Transition Metal Complexes'
- 23.1.2007 Prof. *E.J. Baerends*
Vrije Universiteit Amsterdam, The Netherlands
'Why Rough Surfaces Make Good Catalysts: Reaction Mechanisms of Hydrogen on the Pt(211) Stepped Surface'
- 30.1.2007 Prof. Dr. *Patrick Forterre*
Inst. de Génétique et Microbiologie,
Université de Paris-Sud, Orsay, France
Title to be announced

Anorganisch-chemisches Institut der Universität Zürich

Winterthurerstr. 190, University of Zürich-Irchel
Freitags, 17.00 Uhr

- 12.1.2007 PD Dr. *Iris M. Oppel*
Hörsaal Y34F48 Ruhr-University Bochum
'Rational Design of Nanosized Coordination Cages'
- 19.1.2007 Prof. *Klaus Müller*
Hörsaal 55 Hoffmann-La Roche
Title to be announced
Joint seminar together with the Institute of Organic Chemistry
- 23.1.2007 Dr. *Milko E. van der Boom*
Hörsaal 55 Weizmann Institute of Science, Israel
Dienstag 'Metals Take a Walk'
17.15 Uhr Organic Seminar together with the Institute of Inorganic Chemistry
- 26.1.2007 Dr. *Matthias Tacke*
University of Dublin
'Novel Titanocene Anti-Cancer Drugs'
- 2.2.2007 Prof. *Dirk Volkmer*
Hörsaal 55 University of Ulm
Title to be announced
Joint seminar together with the Institute of Organic Chemistry

Organisch-chemisches Institut der Universität Zürich

Winterthurerstr. 190, Zürich Irchel
Dienstags, 17.15 Uhr, Hörsaal 91

- 16.1.2007 Prof. *C. Schneider*
Universität Leipzig
'Cope Rearrangement of Aldol Products. From Development to Synthetic Applications'
- 23.1.2007 Prof. *M.E. van der Boom*
Weizmann Institute of Science, Israel
'Metals Take a Walk'
- 30.1.2007 Prof. *R. Micura*
Leopold Franzens University, Innsbruck
'Chemical Synthesis for RNA Structural Biology'
- 6.2.2007 Prof. *S.P. Nolan*
Institut Català d'Investigació Química / University of New Orleans
'Late Transition Metal Catalysis Mediated by N-heterocyclic Carbene Complexes'

Zürcher Hochschule Winterthur

Physikgebäude, Hörsaal P406, Eingang Technikumstrasse,
ZHW Winterthur

- 12.1.2007 Dr. *G. Bernasconi-Green*
Freitag Institut für Mineralogie und Petrographie,
ETZ Zürich
20.00 Uhr 'Die "Verlorene Stadt" im Atlantik – ein aussergewöhnliches Oekosystem in der Tiefsee'
Kolloquien der Abteilung Chemie und Biologische Chemie (zusammen mit NGW Winterthur)
- Chemiegebäude, Hörsaal C402, Eingang Zeughausstrasse
- 8.2.2007 *Bernhard Henes*
Donnerstag Institut für Chemie und Biotechnologie,
Zürcher Hochschule Winterthur
17.00 Uhr 'Vollautomatisiertes Zulaufverfahren (Feb-batch)'

Novartis Chemistry Lectureship

Horburg Auditorium, WKL-430.3.20 Müllheimerstrasse 195,
4057 Basel
Mittwoch, 10.30 h, Coffee at 10.00 h

- 10.1.2007 Prof. *Erik J. Sorensen*
Princeton University, USA
Title to be announced