



Division for Medicinal Chemistry (DMC)

of the Swiss Chemical Society (SCS)



8. Swiss Course on Medicinal Chemistry in Leysin Switzerland, October 12-17, 2008

This exciting course focuses on concepts and tools of medicinal chemistry, a science at the interface of synthetic chemistry, computational chemistry, biochemistry, pharmacology and toxicology, drug metabolism and disposition. As such, it primarily addresses medicinal chemists, synthetic chemists, biochemists and pharmacologists but interested parties from related fields are also welcome.

Modern preclinical drug research and development will be communicated by state-of-the-art lectures, case studies and tutorials presented by experts from both academia and industry.

More information can be found on <http://www.swiss-chem-soc.ch/smc/leysin/leysin.html>
Contact: Prof. Dr. Beat Ernst, University of Basel,
e-mail: beat.ernst@unibas.ch
Prof. Dr. Gerd Folkers, Collegium Helveticum, ETHZ,
e-mail: gerd.folkers@collegium.ethz.ch

INFORMATION

News

EuCheMS

EuCheMS Division of Electrochemistry

The new Chair of the Division of Electrochemistry, Professor Hubert Girault, Swiss Chemical Society, would welcome your support in revitalising this important scientific area of EuCheMS activity.

The goals of the Electrochemistry Division include:

- playing an active role in defining the EU research policy by preparing reports for decision makers;
- revising the Eurocurriculum in Electrochemistry;
- organising a European electrochemistry meeting every two years.

Professor Girault is in the process of establishing a Steering Committee, composed of representatives of the EuCheMS member societies that have an Electrochemistry Division, to help drive these initiatives forward. He plans a first meeting of this group during the 2nd EuCheMS Chemistry Congress in Torino in September.

So that the Division can be properly representative of EuCheMS member societies, I would be grateful if your society could please consider appointing a representative and inform Professor Girault: Hubert.Girault@epfl.ch of the contact details.

Evelyn K. McEwan
General Secretary, EuCheMS

Honors – Ehrungen

Prof. **Heinz Heimgartner**, Institute of Organic Chemistry, University of Zurich, received the Ministry Team-Prize from the Ministry of Science and Higher Education of Poland for a series of outstanding papers devoted to studies in the field of heteroatoms containing reactive intermediates.

Prof. **Andrea Vasella**, Laboratory of Organic Chemistry, ETH Zurich, received the doctor *honoris causa* of the Institut National des Sciences Appliquées (INSA) in Rouen.

Prof. **Heinz Berke**, Institute of Inorganic Chemistry, University of Zurich, was awarded the degree of a honorary professor of the Fudan University in Shanghai, China.

Dr. **André W. Brändli** and Dr. **Roland Kälin**, Institute of Pharmaceutical Sciences, ETH Zurich, have been awarded the Pfizer Research Prize 2008.

Congresses – Conferences – Workshops

3rd Annual Dorothy Crowfoot Hodgkin Symposium

May 9, 2008
University of Zurich (Irchel Campus)
Institute of Organic Chemistry
Winterthurerstrasse 190
CH-8057 Zurich

Speakers: Judith A. K. Howard (Durham University), Mikiko Sodeoka (RIKEN), JoAnne Stubbe (MIT), Ann E. Weber (Merck Research Laboratories)

More information: <http://www.oci.uzh.ch/diversa/dch/2008/>

Farewell Symposium Prof. Georg Fräter

May 27, 2008
University of Zurich (Irchel Campus)
Institute of Organic Chemistry
Winterthurerstrasse 190
CH-8057 Zurich

Speakers: Sir Jack Baldwin (Oxford), Peter Chen (ETHZ), Charles Fehr (Firmenich), Wolf Woggon (Basel), Amir Hoveyda (Boston College)

More information: <http://www.oci.uzh.ch/diversa/Frater>

Events

175 Jahre UZH

«staunen.erleben.begreifen. Naturwissenschaft zum Anfassen.»

MNF-Jubiläumsevent für Gross und Klein.
19. April 2008, 10.00 Uhr bis 02.00 Uhr
Campus Irchel, Winterthurerstrasse 190, 8057 Zürich
<http://www.175jahre.uzh.ch/fakultaeten/naturwissenschaft.html>

Lectures

Société Chimique de Genève

UNI Sciences II, Amphithéâtre A 100 30, Quai E. Ansermet,
Genève
Lundi, 17h30

21.4.2008 Prof. *Nicola Armaroli*
Université de Bologna, I
Energy for the XXI Century:
Where are We Going?

Departement Chemie der Universität Basel Anorganische und Organische Chemie

Departement Chemie, Universität Basel, Kleiner Hörsaal OC,
St. Johannis-Vorstadt 19, Basel

28.3.2008 OC-Seminar
Freitag Prof. Dr. *Jurriaan Huskens*
10.45 Uhr Molecular Nanofabrication Group, University
of Twente, NL
Molecular Printboards as Universal Platforms
for Protein Assembly

31.3.2008 AC-Seminar
Montag Prof. Dr. *Christine Mckenzie*
10.45 Uhr University of Southern Denmark, Odense, DEN
Title to be announced

4.4.2008 OC-Seminar
Freitag Prof. Dr. *Stefan Hecht*
14.00 Uhr Humboldt-Universität zu Berlin, D
Folding, Switching and Stitching Molecules

21.4.2008 AC-Seminar
Montag Prof. Dr. *Greta Patzke*
10.45 Uhr Universität Zürich
Title to be announced

24.4.2008 3ème cycle
Donnerstag Prof. Dr. *Marcey Waters*
17.30 Uhr University of North Carolina, USA
Title to be announced

25.4.2008 3ème cycle
Freitag Prof. Dr. *Marcey Waters*
10.45 Uhr University of North Carolina, USA
Title to be announced

Departement Chemie der Universität Basel Physikalische Chemie

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

1.4.2008 Prof. Dr. *H. Bermudez*
Dienstag Polymer Science & Engineering, University of
16.00 Uhr Massachusetts at Amherst, USA
Polymer and Biopolymer Presentation on
Nanostructured Scaffolds

9.4.2008 Prof. Dr. *T. Lasser*
Mittwoch Laboratoire d'Optique biomédicale EPFL,
16.30 Uhr Lausanne
From Structure to Function: New Optical
Imaging Modalities for Biology and Medicine

23.4.2008 Prof. Dr. *R.C. Dunbar*
Mittwoch Chemistry Department, Case Western Reserve
16.30 Uhr University, Cleveland, Ohio, USA
Metal Ion Complexes of Amino Acids and
Small Biomolecules: IR Spectroscopy at FELIX

Departement Pharmazeutische Wissenschaften der Universität Basel

Pharmazentrum, Klingelbergstrasse 50, Basel
Mittwochs, 17.15 Uhr

2.4.2008 Prof. *Jürg Reichen*
Institut für Klinische Pharmakologie,
Universität Bern
mTOR as a Target for Antifibrotic Strategies

9.4.2008 Prof. Dr. *P.A. Schubiger*
ETH Zürich
PET Molecular Imaging in Research and Deve-
lopment – Exemplified on a Glutamatergic Tracer

16.4.2008 Prof. Dr. *Werner Weitschies*
Universität Greifswald, D
High Resolution Monitoring of the *in vivo*
Behavior of Solid Dosage Forms in the GI Tract

23.4.2008 Dr. med. *Jan Wehkamp*
Dr. Margarete Fischer-Bosch – Institute of
Clinical Pharmacology
Antimicrobial Host Protection in the Intestinal
Tract: 'Old' Key Players of Innate Immunity
for 'New'

Département de Chimie minérale, analytique et appli- qué, Université de Genève

salle A100 Sciences II, 30 quai Ernest-Ansermet, Genève
Mercredi, 16.30 h

16.4.2008 Prof. *James Thomas*
Department of Chemistry, University of
Sheffield, UK
Self-assembly of Kinetically Locked
Functional Molecular Architectures Based on
Ru(II) Metal Centres

23.4.2008 Prof. *Gion Calzaferri*
Département de chimie et biochimie,
Université de Berne
Mimicking the Antenna System of Green Plants

30.4.2008 Prof. *Silvio Decurtins*
Département de chimie et biochimie,
Université de Berne
A Discussion about New Molecular Building
Blocks for Functional Materials

Département de Chimie organique, Université de Genève

Auditoire A-100 Département de chimie organique 30, Quai E.
Ansermet, 1211 Genève 4

Jeudi, 16.30 h

3.4.2008 Prof. *José Luis Mascareñas*
Universidade de Santiago, Santiago de
Compostela, S
Synthetic Strategies Based on Metal-
Catalyzed Cyclizations and Cycloaddition
Reactions

17.4.2008 Prof. *Leif Hammarström*
Uppsala University, Uppsala, Sweden
Controlling Electron Transfer in Artificial
Photosynthesis

Institut de Chimie, Université de Neuchâtel

Grand Auditoire, Av. de Bellevaux 51, Neuchâtel
Mercredi, 10.30 h

9.4.2008 Prof. *Michael Veith*
University of Saarbrücken, Leibniz Institute
for New Materials, D
Biorelevant Surface Engineering

Institut Pharmazeutische Wissenschaften der ETH Zürich

Universität Zürich Irchel, Y17, H05

16.4.2008 Prof. Dr. *Evi Kostenis*
Mittwoch Institut für Pharmazeutische Biologie,
Universität Bonn, D
17.15 Uhr Pharmacological Tools for G Protein Cou-
pled Receptors: Promises and Challenges for
Developing Novel Therapeutics

HCI J3, Hönggerberg, ETH Zürich

23.4.2008 PD Dr. *Lorenz Meinel*
Mittwoch Novartis Pharmaceuticals, Technical R&D
17.15 Uhr Die Beeinflussung der Regeneration von
Knochen- und Knorpeldefekten: Was hat dies
mit Seide und Stammzellen zu tun?

Laboratorium für Organische Chemie der ETH Zürich

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

31.3.2008 Prof. Dr. *Simon J. Gaskell*
Manchester Interdisciplinary Biocentre,
University of Manchester, UK

- Understanding and Exploiting Gas-phase Ion Chemistry to Facilitate Mass Spectrometric Characterisation of Peptides
- 21.4.2008 Prof. Dr. *Yitzhak Apeloig*
President, Technion-Israel Institute of Technology, Haifa, Israel
Low-coordination Silicon Compounds: Experiment and Theory
- 28.4.2008 Prof. Dr. *Kuniaki Tatsuta*
Graduate School of Science & Engineering, Waseda University, Tokyo, Japan
Total Synthesis and Developments of Bioactive Natural Products

Laboratorium für Physikalische Chemie der ETH Zürich

ETH Hönggerberg, Wolfgang-Pauli-Strasse 10, HCI J3
Dienstags, 16.45 Uhr, Gäste sind willkommen

- 1.4.2008 Prof. Dr. *Gunnar Jeschke*
Physikalische Chemie, Universität Konstanz, D
Pulsed EPR Spin Probe Techniques for Characterizing Membrane Protein Structure
- 8.4.2008 Prof. Dr. *Michel Herman*
L'Université Libre de Bruxelles, B
Vibrational Alchemy: From Spectro to Astro through Femto and Nano
- 15.4.2008 Prof. Dr. *Helen Fielding*
Department of Chemistry, University College London, UK
Coherent Control: From Rydberg Electrons to Photochemistry
- 22.4.2008 Prof. Dr. *Michael Romalis*
Department of Physics, Princeton University, USA
Optical Technique for Detecting Magnetic Fields and NMR
- 29.4.2008 Prof. Dr. *Jérôme Faist*
Institut für Quantenelektronik, ETH Zürich
Pulsed and Continuous Wave, Broadband Tunable, Mid-infrared Quantum Cascade Lasers for Chemical Sensing

Anorganisch-chemisches Institut der Universität Zürich

Hörsaal 34F 48, Winterthurerstrasse 190, Zürich Irchel
Freitags, 17.00 Uhr

- 4.4.2008 Prof. Dr. *B. K. Keppler*
Universität Wien, A
Anticancer Active Coordination Compounds – New Strategies
- 11.4.2008 Prof. Dr. *Enzo Alessio*
University of Trieste, I
Metal-mediated Supramolecular Assemblies of Chromophores for Photophysical Applications

- 18.4.2008 Prof. Dr. *Tom Baker*
Los Alamos National Lab, USA
Reaction Pathways for Metal-catalyzed Dehydrogenation of Ammonia-Borane: Selectivity Dictates Extent of Hydrogen Release
- 25.4.2008 Prof. Dr. *Thomas Bein*
University of Munich, D
Tuning Morphology and Functionality of Periodic Mesoporous Materials

Organisch-chemisches Institut der Universität Zürich

Hörsaal G91, Winterthurerstrasse 190, Zürich Irchel
Dienstags, 17.15 Uhr

- 1.4.2008 Prof. *Miguel Garcia Garibay*
Department of Chemistry and Biochemistry, University of California, Los Angeles, USA
Amphidynamic Materials and Molecular Machines - A New Frontier in Molecular and Crystal Engineering
- 8.4.2008 Prof. *Marko D. Mihovilovic*
Vienna University of Technology, Institute for Applied Synthetic Chemistry, A
Redox-Biocatalysis in Asymmetric Synthesis
- 15.4.2008 Prof. *Werner Nau*
School of Engineering and Science, Jacobs University Bremen, D
Cucurbiturils: Macrocycles with New Opportunities
- 22.4.2008 Prof. *Warren E. Piers*
Department of Chemistry, University of Calgary, C
Boron-Nitrogen Analogs of Polycyclic Aromatic Hydrocarbons
- 29.4.2008 Prof. *Mark Gordon*
Iowa State University, Ames, USA
Effective Fragment Potentials: A General Approach to Intermolecular Interactions

Novartis Chemistry Lectureship

Horburg Auditorium WKL-430.320 Müllheimerstrasse 195
4057 Basel

Mittwoch, 10.30 Uhr

- 9.4.2008 Prof. *Reinhard Brückner*
Albert-Ludwigs-Universität, Freiburg i. Br. D
Title to be announced