

INFORMATION

Honors – Ehrungen

Prof. **Ari Helenius**, Biochemistry Institute, ETH Zurich, has been awarded the Marcel Benoist Prize 2007. The award will be presented to Prof. Helenius on the occasion of a public ceremony, November 29, 2007 at ETH. With this prestigious prize, Ari Helenius is honored for his contributions to three fundamental aspects of physiology: protein transport in cells, quality control in protein synthesis and transport mechanisms for the intrusion of viruses into cells.

Prof. **Detlef Günther**, Laboratory of Inorganic Chemistry, ETH Zurich, has been awarded the Fresenius Prize. On the occasion of the 'Wissenschaftsforums Chemie 2007' the Gesellschaft Deut-

scher Chemiker (GDCh) honored Professor Günther and his group for their spectacular contributions to the methodologies of trace element and micro analysis.

Prof. **Peter Seeberger**, Laboratory of Organic Chemistry, ETH Zürich, was presented with the Körber Prize for European Science 2007 during a ceremony in Hamburg on 7. September. The Körber Prize, worth 750,000 Euros, is awarded to European scientists to honor concrete forward-looking research. Prof. Seeberger is acknowledged for his many years of detailed work that led to an automated carbohydrate synthesis machine, used for example in the manufacture of synthetic sugar-based vaccines.

News

IUPAC: Significant Changes to the Standard Atomic Weights of Five Chemical Elements

The Commission on Isotopic Abundances and Atomic Weights recommended significant changes to the standard atomic weights of five chemical elements. The following changes are based on new determinations of isotopic abundances and reviews of previous isotopic abundances and atomic masses:

	From	To
Lutetium	174.967(1)	174.9668(1)
Molybdenum	95.94(2)	95.96(2)
Nickel	58.6934(2)	58.6934(4)
Ytterbium	173.04(3)	173.054(5)
Zinc	65.409(4)	65.38(2)

These changes will be published in a new Table of Standard Atomic Weights 2007 in Pure and Applied Chemistry by the end of 2007.

See also http://www.iupac.org/news/archives/2007/atomic-weights_revised07.html

Congresses – Conferences – Workshops

Prelog-Vorlesung 2007

Montag, 29. Oktober 2007
Auditorium J 3 im HCI-Gebäude, ETH Hönggerberg, 8093
Zürich

Programm

16.30 h Einführung und Übergabe der Prelog-Medaille durch die Rektorin, Prof. Dr. Heidi Wunderli-Allenspach

16.45 h

Professor Dr. *Scott E. Denmark*
Department of Chemistry, University of
Illinois, USA
'Asymmetric Catalysis in Main Group
Chemistry: A New Frontier ?'

Lectures

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

Grosser Hörsaal, Chemiegebäude, Uni Fribourg, Ch. du Musée 9,
1700 Fribourg
Dienstag, 17.15

20.11.2007 Prof. Dr. *David J. Fermin*
Departement für Chemie und Biochemie,
Universität Bern
'Self-assembled Nanostructures at Electrode
Surfaces: Electrons in the Fast Lane'

Société Chimique de Genève

UNI Sciences II - Amphithéâtre A 150 30, Quai E. Ansermet, Ge-
nève
Lundi, 17h30

19.11.2007 Prof. *Denis Duboule*
Université de Genève
'L'évolution moléculaire; une discipline du
21ème siècle?'

Departement Chemie der Universität Basel Anorganische und Organische Chemie

Departement Chemie, Universität Basel, Kleiner Hörsaal, St.
Johanns-Ring 19, 4056 Basel
Freitags, 10.45

2.11.2007 Prof. Dr. *B. W. Stark*
Freie Universität Berlin, Deutschland
'New Oxidation Reactions for the Asymmet-
ric Synthesis of Heterocycles and Natural
Products'

6.11.2007 Prof. Dr. *Sergey Kozmin*
Dienstag University of Chicago, USA
Zeit wird bekannt 'Merging Organic Synthesis with Chemical
gegeben Biology: From Assembly to Function'

9.11.2007 Prof. Dr. *Joos Reek*
Title to be announced

Departement Chemie der Universität Basel Physikalische Chemie

Kleiner Hörsaal, Raum 4.04, Klingelbergstr. 80, Basel
Mittwoch, 16.30

28.11.2007 Dr. *P. Martin*
School of Chemical Engineering and Analyti-
cal Science, University of Manchester, U.K.
'Applied Infrared Spectroscopy - Inside and
Outside the Laboratory'

Departement Pharmazeutische Wissenschaften der Universität Basel

Lecture Hall 2, Pharmazentrum, Klingelbergstrasse 50, Basel
Mittwochs, 17.15

7.11.2007 Dr. *Han van de Waterbeemd*
AstraZeneca LG DECS, Global Compound
Sciences
'In combo Hit and Lead Profiling: The Hybrid
Wet and Web ADME Screening Strategy'

14.11.2007 Dr. *Jonathan Moggs*
Novartis Pharma AG, Basel
,Circadian Rhythms and Xenobiotic
Metabolism - Therapeutic Implications'

21.11.2007 Dr. *Lutz Weber*
OntoChem GmbH, Halle/Munich, Germany
'In silico Chemical Genomics - Methods and
Applications'

28.11.2007 Prof. *John A. Robinson*
Dept. of Chemistry, University of Zurich
'Protein Epitope Mimetics in Drug and
Vaccine Research'

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

Hörsaal S481 Departement für Chemie und Biochemie, Freie-
strasse 3, 3012 Bern
Donnerstags, 11.15

8.11.2007 Prof. Dr. *Werner Hug*
Institute of Physical Chemistry, Université de
Fribourg
'Analysis and Computation of Vibrational
Spectra, with an Eye on Vibrational Optical
Activity'

15.11.2007 Prof. Dr. *Giuseppe Resnati*
Department of Chemistry, Materials, Chemi-
cal Engineering 'Guilio Natta', Polytechnic of
Milan, Milan, Italy
'Halogen Bonding in Crystal Engineering'

29.11.2007 Dr. *Jonathan W. Steed*
Department of Chemistry, University of Dur-
ham, Durham, UK
'Molecular Containers'

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

Lecture theatre P. F. Tingry A150, Sciences II, Quai E. Ansermet
1221 Genève 4
Mercredi, 16h30

- 7.11.2007 Dr. *Michel Meyer*
Institut de Chimie Moléculaire de l'Université de Bourgogne, Dijon, France
'Propriétés de coordination de récepteurs polyazamacrocycliques: quel rôle joue la liaison hydrogène?'
- 14.11.2007 Dr. *Serena Best*
Department of Materials Science and Metallurgy, University of Cambridge, UK
'Apatites for Bone Grafting'
- 21.11.2007 Prof. *Gero Decher*
Institut Charles Sadron, Strasbourg, France
'Self-Assembly and Beyond'
- 28.11.2007 Prof. *Ivan Lukes*
Charles University, Praha, Czech Republic
'Lanthanide Complexes with DOTA-Like Ligands'

Département de Chimie organique, Université de Genève

Sciences II, Auditoire A-100 30, Quai E. Ansermet, 1221 Genève 4
Jeudi, 16h30

- 1.11.2007 Prof. *Walter Leitner*
ITMC, Aachen, D
'Green Solvents for Catalysis - From Molecular Understanding to Reaction Engineering Concepts'
- 22.11.2007 Dr. *Mireille Blanchard-Desce*
Université de Rennes I, F
'From Molecular to Supramolecular Engineering for Multiphotonics and Related Applications'

Institut de Chimie, Université de Neuchâtel

Avenue de Bellevaux 51, Neuchâtel, Salle GE14
Jeudi, 10h30

- 1.11.2007 Prof. *David J. Schiffrin*
University of Liverpool, UK
'Plasmon Interactions Raman Spectroscopy and Analytical Applications of Nanoparticles'

Center of Excellence in Analytical Chemistry at ETH Zürich

Hörsaal CAB G51, ETH Zentrum, 8092 Zürich
Donnerstag, 17.15

- 15.11.2007 Prof. Dr. *Thorsten Hoffmann*
Inst. f. Anorg. u. Analytische Chemie, Johannes Gutenberg-Universität Mainz, D
'Online Aerosol Mass Spectrometry: Contributions to Understand Composition and Chemistry of Tropospheric Aerosols'

Institut Pharmazeutische Wissenschaften der ETH Zürich

Hörsaal HCI J3, ETH Hönggerberg, 8093 Zürich
Mittwochs, 17.15

- 7.11.2007 PD Dr. *Stefanie-D. Krämer*
Institut für Pharmazeutische Wissenschaften, ETH Zürich
'Arzneistoffe als Hürdenläufer'
- 21.11.2007 Dr. *Dhavalkumar D. Patel*
Head of Autoimmunity and Transplantation Research, Novartis
'S1P Receptors as Therapeutic Targets - Pre-clinical and Clinical Evidence'

Laboratorium für Organische Chemie der ETH Zürich

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

- 12.11.2007 Prof. Dr. *Antonio Echavarren*
Universidad Autonoma de Madrid, Spain
'Molecular Diversity Through Gold Catalysis'
- 19.11.2007 Prof. Dr. *Jeffrey W. Bode*
University of California, Santa Barbara, CA, USA
'Organic Redox Reactions for Chemoselective Ligations and Enantioselective Annulations'
- 26.11.2007 Prof. Dr. *Magnus Rueping*
Johann Wolfgang Goethe-University, Frankfurt, D
'New Developments in Enantioselective Broensted Acid Catalysis - Chiral Ion Pair Catalysis and Beyond'

Anorganisch-chemisches Institut der Universität Zürich

Hörsaal 34F 48, Winterthurerstr. 190, Zürich Irchel
Freitags, 17.00

- 2.11.2007 Prof. *P. Behrens*
Institut für anorganische Chemie, Universität
Hannover, D
'Biom mineralization – Bioinspiration – Biomaterials'
- 9.11.2007 Dr. *Roman Kaiser*
Givaudan Schweiz AG
'Scents around the World - An Olfactory,
Chemical and Visual Experience'
- 16.11.2007 Prof. *M. J. Hannon*
University of Birmingham, UK
'A Duet between Chemistry and Biology:
Supramolecular Cylinders which Recognise
DNA in Unprecedented Ways and Possible
Applications in Cancer Therapy'
- 23.11.2007 Prof. *I. Manners*
University of Bristol, UK
'Functional Supramolecular Materials from
Self-Assembling Metallopolymers'
- 30.11.2007 Prof. *John A. Katzenellenbogen*
University of Illinois, USA
'Estrogen Receptor: Structure, Function,
Ligand Design and *in vivo* Imaging'

Organisch-chemisches Institut der Universität Zürich

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

- 6.11.2007 Prof. *Christian Hertweck*
Leibniz-Institute for Natural Products
Research and Infection Biology, Hans-Knöll
Institute, Jena, D
'Exploring Polyketide Diversity in Microorga-
nisms'
- 13.11.2007 Prof. *Antonio M. Echavarren*
Institute of Chemical Research of Catalonia
(ICIQ), Tarragona, Spain
'Solving the Puzzle of Metal-Catalyzed Rear-
rangement of Enynes'
- 20.11.2007 Prof. *Don Hilvert*
Laboratory of Organic Chemistry, ETH Zurich
'Teaching Old Enzymes New Tricks'
- 30.11.2007 Prof. *John A. Katzenellenbogen*
Freitag, 17.00
Hörsaal 34F 48
Department of Chemistry, University of
Illinois, Urbana, USA
'Estrogen Receptor: Structure, Function,
Ligand Design and *in vivo* Imaging'
Joint lecture with the ACI

Physikalisch-chemisches Institut der Universität Zürich

Winterthurerstrasse 190, Zürich Irchel
Donnerstags, 10.15

- 1.11.2007 Prof. Dr. *Andreas Wagner*
Seminarraum Biochemisches Institut, Universität Zürich
34-K-01 'Robustness and Evolvability in Living Sys-
tems'
- 8.11.2007 Prof. Dr. *Martina Havenith*
Seminarraum Lehrstuhl für Physikalische Chemie II,
34-Y-01 Ruhr-Universität Bochum, D
'The THZ Dance of Water with Biomolecules'

Novartis Chemistry Lectureship

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

- 7.11.2007 Prof. *P. Andrew Evans*
University of Liverpool, UK
'New Metal-Catalyzed Reactions for the Total
Synthesis of Complex Bioactive Natural Pro-
ducts'