

**Program of the Fall Meeting 2008****PLENARY SESSION**

09.30–10.45 **Opening Ceremony**  
*University Zurich-Irchel, HS 30*

**Presentation of the Dr. Max Lüthi Award 2008**

Chair: *Georg Fráter*

*Caroline Emery*  
Zürcher Hochschule Winterthur  
(lecture in the Division of  
Analytical Chemistry at 12.15)

*Pitt Allmendinger*  
Haute Ecole Valaisanne and Washington State  
University, USA

*Daniel Mesitschek*  
Ecole d'Ingénieurs et d'Architectes de Fribourg  
and Hochschule Offenburg, Germany

**Presentation of the Werner Prize 2008**

Chair: *Georg Fráter*

**Lecture of the Werner Prize Laureate 2008**

*Jeroen A. van Bokhoven*  
ETH Zürich  
'Absorbing X-rays to understand Catalysis'  
Abstract 2

**Presentation of the Gramaticakis-Neumann Prize 2008**

Chair: *Georg Fráter*

**Lecture of the Gramaticakis-Neumann Prize Laureate 2008**

*Alexander Heckel*  
Universität Frankfurt, Frankfurt/Main, Germany  
'Shedding Light on Nucleic Acids'  
Abstract 3

10.45–11.00 **Coffee Break**

**PARALLEL SESSIONS****11.00–17.00 Analytical Chemistry**

11.00–11.30 **General Assembly of the Members of the Division**  
*University Zurich-Irchel, HS 95*

11.30–13.15 **Lectures**  
*University Zurich-Irchel, HS 95*  
Abstracts 4, 7–10

13.15–14.15 **Poster Session**  
*University Zurich-Irchel, Lichthof Area*  
Abstracts 19–74

14.15–15.00 **General Assembly of the Swiss Chemical Society**  
*University Zurich-Irchel, HS 30*

15.00–17.00 **Lectures**  
*University Zurich-Irchel, HS 95*  
Abstracts 11–18

**11.00–17.00 Medicinal Chemistry**

11.00–11.15 **General Assembly of the Members of the Division**  
*University Zurich-Irchel, HS 91*

11.15–13.00 **Lectures**  
*University Zurich-Irchel, HS 91*  
Abstracts 75–81

13.00–14.15 **Poster Session**  
*University Zurich-Irchel, Lichthof Area*  
Abstracts 89–121

14.15–15.00 **General Assembly of the Swiss Chemical Society**  
*University Zurich-Irchel, HS 30*

15.15–17.00 **Lectures**  
*University Zurich-Irchel, HS 91*  
Abstracts 81–88

**11.00–17.00 Chemical Research**

11.00–11.15 **General Assembly of the Members of the Division**  
*University Zurich-Irchel, HS 30*

**11.15–16.45 Computational Chemistry**

11.15–12.30 **Lectures**  
*University Zurich-Irchel, HS 85*  
Abstracts 122–125

12.30–14.15 **Poster Session**  
*University Zurich-Irchel, Lichthof Area*  
Abstracts 133–148

14.15–15.00 **General Assembly of the Swiss Chemical Society**  
*University Zurich-Irchel, HS 30*

15.00–16.45 **Lectures**  
*University Zurich-Irchel, HS 85*  
Abstracts 126–132

**11.15–17.00 Inorganic and Coordination Chemistry**

11.15–12.30 **Minisymposium**  
*University Zurich-Irchel, HS 30*  
Abstracts 149, 150

12.30–14.15 **Poster Session**  
*University Zurich-Irchel, Lichthof Area*  
Abstracts 161–249

14.15–15.00 **General Assembly of the Swiss Chemical Society**  
*University Zurich-Irchel, HS 30*

15.15–16.55 **Lectures**  
*University Zurich-Irchel, HS 30*  
Abstracts 151–160

## 11.15–17.00 Organic Chemistry

### Session 1 Synthesis and Synthetic Methodology I

11.15–12.30 **Lectures**  
*University Zurich-Irchel, HS 45*  
Abstracts 250–254

12.30–14.15 **Poster Session**  
*University Zurich-Irchel, Lichthof Area*  
Abstracts 276–378

14.15–15.00 **General Assembly of the Swiss Chemical Society**  
*University Zurich-Irchel, HS 30*

15.00–17.00 **Lectures**  
*University Zurich-Irchel, HS 45*  
Abstracts 255–262

### Session 2 Organic Structures and Properties II

11.15–12.30 **Lectures**  
*University Zurich-Irchel, HS 60*  
Abstracts 263–267

12.30–14.15 **Poster Session**  
*University Zurich-Irchel, Lichthof Area*  
Abstracts 276–378

14.15–15.00 **General Assembly of the Swiss Chemical Society**  
*University Zurich-Irchel, HS 30*

15.00–17.00 **Lectures**  
*University Zurich-Irchel, HS 60*  
Abstracts 268–275

## 11.15–17.00 Physical Chemistry

11.15–12.30 **Lectures**  
*University Zurich-Irchel, HS 40*  
Abstracts 379–387

12.30–14.15 **Poster Session**  
*University Zurich-Irchel, Lichthof Area*  
Abstracts 397–454

14.15–15.00 **General Assembly of the Swiss Chemical Society**  
*University Zurich-Irchel, HS 30*

15.00–17.00 **Lectures**  
*University Zurich-Irchel, HS 40*  
Abstracts 389–396

## 11.00–17.00 Polymers and Colloids

11.00–11.15 **General Assembly of the Members of the Division**  
*University Zurich-Irchel, HS 55*

11.15–12.45 **Lectures**  
*University Zurich-Irchel, HS 55*  
Abstracts 455–458

12.45–14.15 **Poster Session**  
*University Zurich-Irchel, Lichthof Area*  
Abstracts 464–484

14.15–15.00 **General Assembly of the Swiss Chemical Society**  
*University Zurich-Irchel, HS 30*

15.00–17.00 **Lectures**  
*University Zurich-Irchel, HS 55*  
Abstracts 459–463

## 17.00–17.30 Coffee Break

17.30–17.45 **SCS Mettler-Toledo Awards for best oral presentations**  
**SCS prizes for best poster contributions**  
*University Zurich-Irchel, HS 30*  
Chair: *H. Berke*

**Analytical Chemistry**  
2 posters and 1 oral presentation  
Jury: *S. Schürch, H. Kern*

**Medicinal Chemistry**  
1 poster and 2 oral presentations  
Jury: *H.P. Maerki, Y. Auberson, K.H. Altmann*

**Computational Chemistry**  
1 poster and 1 oral presentation  
Jury: *H.-P. Lüthi, C. A. Daul*

**Inorganic and Coordination Chemistry**  
3 posters and 1 oral presentation  
Jury: *K. Severin, T. R. Ward, P. S. Pregosin*

**Organic Chemistry**  
2 posters and 2 oral presentations  
Jury: *M. Major, N. S. Finney, S. Bienz*

**Physical Chemistry**  
2 posters and 1 oral presentation  
Jury: *V. Sandoghdar*

**Polymer Science**  
2 posters and 1 oral presentation  
Jury: *A. D. Schlüter*

17.45–18.45 **Presentation of the Paracelsus Prize 2008**  
*University Zurich-Irchel, HS 30*  
Chair: *Georg Fráter*

**Lecture of the Paracelsus Prize Laureate 2008**  
*Ben L. Feringa*  
University of Groningen, Groningen, NL  
'From Molecules to Molecular Systems'  
Abstract 1

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**DETAILED PROGRAM**


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**Analytical Chemistry****11.00–11.30 General Assembly of the Members of the Division**

University Zurich-Irchel, HS 95

**11.30–13.15 Lectures**

University Zurich-Irchel, HS 95

Abstracts 4, 7–10

Chair: **Stefan Schürch**

**11.30–12.15 Hans H. Maurer**

Applied Biochemistry, Lund Institute of Technology, Lund University, 221 00 Lund, Sweden

'Current Position of GC-MS and LC-MS in Clinical and Forensic Toxicology'

Abstract 7

**12.15–12.30**

**Urban Frey, D. Günther, G. Hopfgartner**

ETH Zürich, Laboratory of Inorganic Chemistry, CH-8093 Zürich

University of Leipzig, Institute for Geophysics and Geology, 04103 Leipzig, Germany

Analytical Forum

Abstract 8

**12.30–12.45 Lecture of the Dr. Max Lüthi Award Laureate 2008**

**Caroline Emery**

Laboratoire d'Electrochimie Physique et Analytique, Ecole Polytechnique Fédérale de Lausanne, CH-1015 Lausanne

'Metabolic Profiling of Sugar Phosphates by HPLC-MS Using Mixed-mode Stationary Phases'

Abstract 4

**12.45–13.00**

**Raffaele Curcio, R. Nicoli, S. Rudaz, J.-L. Veuthey**

Laboratory of Pharmaceutical Analytical Chemistry, School of Pharmaceutical Sciences, University of Geneva, University of Lausanne, Boulevard d'Yvoy 20, CH-1211 Geneva 4

'In-capillary Enzymatic Assays for Automated Drug Metabolism Studies on the Nanoliter-scale'

Abstract 9

**13.00–13.15**

**B. Tuzson<sup>a</sup>, J. Mohn<sup>a</sup>, M. J. Zeeman<sup>b</sup>, A. Kammer<sup>c</sup>, Lukas Emmenegger<sup>a</sup>**

<sup>a</sup>Empa, Überlandstrasse 129, CH-8600 Dübendorf

<sup>b</sup>ETH Zürich, Universitätstrasse 2,

CH-8092 Zürich

<sup>c</sup>WSL, Zürcherstrasse 111,

CH-8903 Birmensdorf

'Applications of Laser Spectroscopy for CO<sub>2</sub> Isotopologues: From the Soil to the Free Troposphere'

Abstract 10

**13.15–14.15****Poster Session**

University Zurich-Irchel, Lichthof Area

Abstracts 19–74, 485

**14.15–15.00****General Assembly of the Swiss Chemical Society**

University Zurich-Irchel, HS 30

**15.00–17.00****Lectures**

University Zurich-Irchel, HS 95

Abstracts 11–18

Chair: **Heiner Kern**

**15.00–15.15**

**Gisela H. Fontaine, B. Hattendorf, D. Günther**

ETH Zürich, Laboratory of Inorganic Chemistry, CH-8093 Zürich

'Reducing Matrix-Induced Mass Bias in MCICPMS'

Abstract 11

**15.15–15.30**

**Ratna Karuna, A. von Eckardstein, K. M. Rentsch**

Institute of Clinical Chemistry, University Hospital Zurich, CH-8091 Zürich

'LC-APPI-MS for the Analysis of 27-Hydroxycholesterol as Candidate Biomarker for Arteriosclerosis'

Abstract 12

**15.30–15.45**

**Qiang Li, E. Riaplov, S. Seeger**

Institute of Physical Chemistry, University of Zurich, CH-8057 Zürich

'Label Free Detection of Single Proteins Using Deep-UV based Laser Fluorescence Lifetime Imaging Microscopy'

Abstract 13

**15.45–16.00**

**Bruno Vitorge<sup>a</sup>, G. Gasparini<sup>b</sup>, L. J. Prins<sup>b</sup>, D. Jeannerat<sup>a</sup>**

<sup>a</sup>Department of Organic Chemistry, University of Geneva, CH-1211 Geneva 4

<sup>b</sup>Department of Chemical Sciences and CNR ITM Padova Section, University of Padova, via Marzolo 1, I-35131 Padova, Italy

'Study of Small Combinatorial Dynamic Libraries using 2D NMR'

Abstract 14

**16.00–16.15**

**Michel Prudent<sup>a</sup>, M. A. Méndez<sup>a</sup>, C. Roussel<sup>a</sup>, N. Lion<sup>a</sup>, J. S. Rossier<sup>b</sup>, H. H. Girault<sup>a</sup>**

<sup>a</sup>Laboratoire d'Electrochimie Physique et Analytique, Ecole Polytechnique Fédérale de Lausanne, CH-1015 Lausanne

<sup>b</sup>DiagnoSwiss SA, Route de l'Ile au Bois 2, CH-1870 Monthey

'About the Electrospray Ionization Source in Mass Spectrometry: Electrochemistry and On-chip Reactions'

Abstract 15

**16.15–16.30**

**Marc J.-F. Suter, H. Nestler, R. Schönenberger, V. J. Nesatyy**

Eawag – Swiss Federal Institute of Aquatic Science and Technology, Überlandstrasse 133, CH-8600 Dübendorf

'Environmental Proteomics for the Analysis of

- Stress Response in *Chlamydomonas reinhardtii* (Green Algae)  
Abstract 16
- 16.30–16.45 **Stefanie Mädler**, C. Bich, D. Touboul, R. Zenobi  
Department of Chemistry and Applied Biosciences, ETH Zürich, CH-8093 Zürich  
'Investigation of Chemical Cross-Linking in Detail: Reactivities of Amino Acids'  
Abstract 17
- 16.45–17.00 **Hisham Ben Hamidane**, E. Condemi, A. Schmid, H. Vogel, M. Mutter, Y. O. Tsybin  
Ecole Polytechnique Fédérale de Lausanne, CH-1015 Lausanne  
'Probing Switch Peptides by Tandem Mass Spectrometry: On/Off State Quantification and Applications'  
Abstract 18
- 17.00–17.30 Coffee Break**
- 17.30–17.45 SCS Mettler-Toledo Awards for best oral presentations**  
**SCS prizes for best poster contributions**
- 17.45–18.45 Presentation of the Paracelsus Prize 2008**
- Medicinal Chemistry**
- 11.00–11.15 General Assembly of the Members of the Division**  
University Zurich-Irchel, HS 91
- 11.15–13.00 Lectures**  
University Zurich-Irchel, HS 91  
Abstracts 75–81  
Chair: **Hans Peter Maerki**
- 11.15–11.30 **Leo Widler**  
Novartis Institutes of BioMedical Research, WKL-136.3.93, CH-4002 Basel  
'Calcilytics – A New Treatment for Established Osteoporosis'  
Abstract 75
- 11.30–11.45 **Tatjana Hofmann**, K.-H. Altmann  
Institute of Pharmaceutical Sciences, ETH Zürich, CH-8093 Zürich  
'Total Synthesis of the Resorcylic Lactone-based Kinase Inhibitor L-783277'  
Abstract 76
- 11.45–12.00 **Brian Cutting**<sup>a</sup>, D. Strasser<sup>a</sup>, S. Shelke<sup>a</sup>, G. Gao<sup>a</sup>, O. Schwardt<sup>a</sup>, S. Kelm<sup>b</sup>, B. Ernst<sup>a</sup>  
<sup>a</sup>University of Basel, Klingelbergstrasse 50, CH-4056 Basel  
<sup>b</sup>University of Bremen, Leobenerstr. NW2 B2, D-28359 Bremen, Germany  
'NMR Derived Binding Epitopes of Myelin-Associated-Glycoprotein Antagonists'  
Abstract 77
- 12.00–12.15 **Rainer E. Martin**, L. G. Green, W. Guba, N. Kratochwil, A. Christ  
Medicinal Chemistry III, Discovery Chemistry, F. Hoffmann-La Roche Ltd, CH-4070 Basel  
'The First Nonpeptidic, Small Molecule, Highly Selective Somatostatin 5 Receptor Antagonists: A Chemogenomics Approach'  
Abstract 78
- 12.15–12.30 **Emmanuelle Briard**, Y. P. Auberson  
Novartis Institutes for BioMedical Research, Global Discovery Chemistry, CH-4002 Basel  
'Defining PET-like Properties to Support Radiotracer Discovery and their Use in Drug Development'  
Abstract 79
- 12.30–12.45 **Holmfridur B. Thorsteinsdottir**, M. Podvinec, T. Schwede, M. Meuwly  
University of Basel, CH-4056 Basel  
'Efficient Ligand Affinity Calculations Using Novel Computational Methods'  
Abstract 80
- 12.45–13.00 **P. D. Pierson**, C. Freichel, S. Gatti, C. Hertel, J. Huwlyer, P. Mohr, T. Nakagawa, M. Nettekoven, **Jean-Marc Plancher**, S. Raab, H. Richter, O. Roche, R. M. Rodríguez Sarmiento, M. Schmitt, F. Schuler, T. Takahashi, S. Taylor, C. Ullmer, R. Wiegand  
F. Hoffmann-La Roche Ltd, Pharmaceuticals Division, B092/4.18C, CH-4070 Basel  
'Histamine-3 Receptor Inverse Agonists for the Treatment of Obesity: Validation of the Target and Identification of Novel Series'  
Abstract 81
- 13.00–14.15 Poster Session**  
University Zurich-Irchel, Lichthof Area  
Abstracts 89–120
- 14.15–15.00 General Assembly of the Swiss Chemical Society**  
University Zurich-Irchel, HS 30
- 15.15–17.00 Lectures**  
University Zurich-Irchel, HS 91  
Abstracts 82–88  
Chair: **Karl-Heinz Altmann**
- 15.15–15.30 **Samuel Hintermann**<sup>a</sup>, M. Chiesi<sup>a</sup>, M. Tintelnot-Blomley<sup>a</sup>, U. von Krosigk<sup>a</sup>, B. Hengerer<sup>a</sup>, W. Le<sup>b</sup>, S. Ametamey<sup>c</sup>, M. Honer<sup>c</sup>  
<sup>a</sup>Novartis Institutes for BioMedical Research, GDC, CH-4002 Basel  
<sup>b</sup>Baylor College of Medicine, Houston, Texas 77030, USA  
<sup>c</sup>Center for Radiopharmaceutical Science of ETH, PSI and USZ, CH-8093 Zürich  
'Identification and Characterization of Highly Potent Activators of the NR4A2 Pathway – A Novel Approach to Treat Parkinson's Disease?'  
Abstract 82
- 15.30–15.45 **Xiaohua Jiang**, S. Mesch, O. Schwardt, B. Ernst  
Institute of Molecular Pharmacy, University of Basel, CH-4050 Basel



'Identification and Characterization of High-affinity Myelin-associated Glycoprotein (MAG) Antagonists'  
Abstract 83

15.45–16.00

*M. Dard<sup>a</sup>, S. Lemoult<sup>b</sup>, A. Molenberg<sup>a</sup>, C. Mauth<sup>a</sup>, Ruzica Ranevski<sup>a</sup>*

<sup>a</sup>Institut Straumann AG, Peter Merian Weg 12, Basel

<sup>b</sup>BIORA AB, A Company of the Straumann Group, Medeon Science Park, Malmö, Sweden  
'Inspiration from Nature EMD!'  
Abstract 84

16.00–16.15

*Sabine Kolczewski, R. Gasser, N. Kratochwil, L. Steward, C. Riemer, O. Roche, J. Wichmann, T. Woltering*

F. Hoffmann-La Roche Ltd. Pharmaceuticals Division Discovery Chemistry, CH-4070 Basel  
'Discovery of Selective 5-HT<sub>5A</sub> Antagonists'  
Abstract 85

16.15–16.30

*Emma Johansson<sup>a</sup>, S. Crusz<sup>b</sup>, S. Diggle<sup>b</sup>, M. Camara<sup>b</sup>, P. Williams<sup>b</sup>, T. Darbre<sup>a</sup>, J.-L. Reymond<sup>a</sup>*

<sup>a</sup>Department of Chemistry and Biochemistry, University of Berne, Freiestrasse 3, CH-3012 Bern

<sup>b</sup>Institute of Infection, Immunity and Inflammation, University of Nottingham, Nottingham NG7 2RD, UK  
'Inhibition and Dispersion of *Pseudomonas Aeurginosa* Biofilms by Glycopeptide Dendrimers'  
Abstract 86

16.30–16.45

*Martina Zürcher<sup>a</sup>, L. Barandun<sup>a</sup>, P. Wyss<sup>a</sup>, S. Meyer<sup>b</sup>, D. Bur<sup>b</sup>, F. Diederich<sup>a</sup>*

<sup>a</sup>ETH Zürich, Wolfgang-Pauli-Str. 10, CH-8093 Zürich

<sup>b</sup>Actelion, Hegenheimerweg 91, CH-4123 Allschwil  
'Azanorbornanes as Potent Inhibitors of Plasmepsins'  
Abstract 87

16.45–17.00

*Paul W. Manley, J. Brügggen, A. Floersheimer, P. Furet, M. R. Jensen, J. Mestan, C. Pissot, S. Cowan-Jacob*

Novartis Institutes for BioMedical Research, CH-4002 Basel  
'Rational Design of T315I BCR-Abl Inhibitors for the Treatment of Drug-resistant Chronic Myelogenous Leukemia (CML): BGG463'  
Abstract 88

17.00–17.30 **Coffee Break**

17.30–17.45 **SCS Mettler-Toledo Awards for best oral presentations**  
**SCS prizes for best poster contributions**

17.45–18.45 **Presentation of the Paracelsus Prize 2008**

## Chemical Research

11.00–11.15 **General Assembly of the Members of the Division**

*University Zurich-Irchel, HS 30*

## Computational Chemistry

11.15–12.30 **Lectures**

*University Zurich-Irchel, HS 85*

Abstracts 122–125

Chair: **Claude Daul**

11.15–11.30

*Izabela Czekaj, O. Kröcher*

Paul Scherrer Institute, CH-5232 Villigen PSI  
'Adsorption of Isocyanic Acid and Water over the TiO<sub>2</sub> (101) and  $\gamma$ -Al<sub>2</sub>O<sub>3</sub> (100) Surfaces: Theoretical Modelling of Catalyst Behaviour'  
Abstract 122

11.30–11.45

*Ojwang Jgo<sup>a</sup>, A. van Duin<sup>b</sup>, W. Goddard<sup>b</sup>, R. van Santen<sup>a</sup>, G. J. Kramer<sup>a</sup>*

<sup>a</sup>Eindhoven University of Technology, Postbus 513, 5600 MB, Den Dolech 2, Eindhoven, The Netherlands

<sup>b</sup>Material Research Center, California Institute of Technology (Caltech), 1200 East California Boulevard Pasadena, California 91125, USA  
'Modelling the Sorption Dynamics of Hydrogen Storage Materials Using a Reactive Force Field, ReaxFF'  
Abstract 123

11.45–12.00

*J. M. Garcia Lastra<sup>a</sup>, Jakub W. Kaminski<sup>b</sup>, T. A. Wesolowski<sup>b</sup>*

<sup>a</sup>Universidad del Pais Vasco, Departamento de Fisica de Materiales, E-20018 Donostia-San Sebastian, Spain

<sup>b</sup>Université de Genève, Département de Chimie Physique, CH-1211 Genève 4  
'New Non-empirical Approximation to the Orbital-Free Effective Embedding Potential'  
Abstract 124

12.00–12.15

Withdrawn by Author

12.15–12.30

*Teodoro Laino, J. Hutter*

Physikalisch-chemisches Institut, Zurich University, CH-8057 Zürich  
'Modern Semiempirical Molecular Orbital Methods for Condensed Phase Systems'  
Abstract 125

12.30–14.15

**Poster Session**

*University Zurich-Irchel, Lichthof Area*  
Abstracts 133–148

14.15–15.00

**General Assembly of the Swiss Chemical Society**

*University Zurich-Irchel, HS 30*

- 15.00–16.45 Lectures**  
University Zurich-Irchel, HS 85  
Abstracts 126–132  
Chair: *Hans Peter Lüthi*
- 15.00–15.15 **Ivan Infante<sup>a</sup>, L. Andrews<sup>b</sup>, B. Roos<sup>c</sup>, L. Gagliardi<sup>a</sup>**  
<sup>a</sup>Department of Physical Chemistry, University of Geneva, CH-1211 Geneva  
<sup>b</sup>Department of Chemistry, University of Virginia, 22904-4319, Charlottesville, USA  
<sup>c</sup>Department of Theoretical Chemistry, Chemical Center, PO Box 124, S-221 00 Lund, Sweden  
'Reaching the Highest Covalent Bond Multiplicity: A Theoretical and Experimental Evidence of Newly Identified Di-Uranium Compounds'  
Abstract 126
- 15.15–15.30 **Valéry Weber**  
University of Zurich, CH-8057 Zurich  
'Toward Efficient Wavefunction-based Linear Scaling Energy Minimization'  
Abstract 127
- 15.30–15.45 **Karin Kiewisch, J. Neugebauer, M. Reiher**  
Laboratorium für Physikalische Chemie, ETH Zurich, CH-8093 Zurich  
'Selective Calculation of High-Intensity Vibrations in Molecular Resonance Raman Spectra'  
Abstract 128
- 15.45–16.00 **Stephan Schenk<sup>a</sup>, B. Kirchner<sup>b</sup>, M. Reiher<sup>a</sup>**  
<sup>a</sup>Laboratorium für Physikalische Chemie, ETH Zurich, CH-8093 Zurich  
<sup>b</sup>Chair of Theoretical Chemistry, University of Leipzig, D-04103 Leipzig, Germany  
'First-Principles Investigation of the Schrock Mechanism of Dinitrogen Reduction'  
Abstract 129
- 16.00–16.15 **Matteo Guglielmi, I. Tavernelli, U. Röthlisberger**  
Swiss Federal Institute of Technology, CH-1015 Lausanne  
'TD-DFT Study on "Proton vs Hydrogen" Transfer in Hydrogen-Bonded Ammonia Wire'  
Abstract 130
- 16.15–16.30 **Stephan Lutz, M. Meuwly**  
Department of Chemistry, University of Basel, CH-4056 Basel  
'Ligand Migration In Carbonmonoxy Neuroglobin'  
Abstract 131
- 16.30–16.45 **Florian Schiffmann, J. Hutter, J. VandeVondele**  
University of Zurich, CH-8057 Zurich  
'DFT Study of the Binding of the N3 dye and its Deprotonated Forms to Anatase(101)'  
Abstract 132

**17.00–17.30 Coffee Break**

- 17.30–17.45 SCS Mettler-Toledo Awards for best oral presentations**  
**SCS prizes for best poster contributions**

- 17.45–18.45 Presentation of the Paracelsus Prize 2008**

**Inorganic and Coordination Chemistry**

- 11.15–12.45 Minisymposium**  
University Zurich-Irchel, HS 30  
Chair: *Kay Severin*
- 11.15–12.00 **Paul S. Pregosin**  
ETH Zurich, CH-8093 Zurich  
'Applications of Tris(mercaptopimidazolyl) hydroborato Ligands for Modeling Sulfur Rich Active Sites and for the Synthesis of Metallaboratranes'  
Abstract 149
- 12.00–12.45 **Ohmar Yaghi**  
University of California, Los Angeles, USA  
'Reticular Chemistry'  
Abstract 150
- 12.45–14.15 Poster Session**  
University Zurich-Irchel, Lichthof Area  
Abstracts 161–249
- 14.15–15.00 General Assembly of the Swiss Chemical Society**  
University Zurich-Irchel, HS 30
- 15.15–16.55 Lectures**  
University Zurich-Irchel, HS 30  
Abstracts 151–160  
Chair: *Kay Severin, Thomas Ward*
- 15.15–15.25 **Fabienne Gschwind, K. M. Fromm**  
University of Fribourg, Chemin du Musée 9, CH-1700 Fribourg  
'Multitopic Ligand Approach for the Synthesis of New Mixed Metal Compounds'  
Abstract 151
- 15.25–15.35 **Barnali Dutta, K. Severin**  
Institut des Sciences et Ingénierie Chimiques, Ecole Polytechnique Fédérale de Lausanne (EPFL), CH-1015 Lausanne  
'Sterically Very Demanding Cyclopentadienyl Ligands: Significant Changes in the Behavior of Ru Half-Sandwich Complexes'  
Abstract 152
- 15.35–15.45 **Alexey B. Zaitsev, S. Gruber, P. S. Pregosin**  
ETH Hönggerberg, CH-8093 Zurich  
'Efficient Allylation of Indoles and Pyrroles with Allyl Alcohols Catalyzed by Complexes Derived from [Cp\*Ru(NCMe)<sub>3</sub>](PF<sub>6</sub>): Catalysis, Structure and Mechanism'  
Abstract 153

- 15.45–15.55 **David Hanss, M. Walther, O. S. Wenger**  
Department of Inorganic, Analytical and Applied Chemistry, University of Geneva, 30 Quai Ernest-Ansermet, 1211 Geneva 4  
'Electron Tunneling through Rigid Rod-like Bridges'  
Abstract 154
- 15.55–16.05 **Pirmin Roesel, J. Zampese, S. Schaffner, M. Neuburger, C. E. Housecroft, E. C. Constable**  
Department of Chemistry, University of Basel, Spitalstrasse 51, CH-4056 Basel  
'A Macrocyclic Triruthenium(II) Complex'  
Abstract 155
- 16.05–16.15 **Marc-Etienne Moret, P. Chen**  
ETH Hönggerberg, CH-8093 Zürich  
'Mononuclear Organometallic Pt(II) Complexes and Pt(II)-Cu(I) Mixed-Metal Complexes from Pyrazolate Based Compartmental Ligands'  
Abstract 156
- 16.15–16.25 **C. Männel-Croisé, Felix Zelder**  
University of Zurich, CH-8057 Zürich  
'Colourimetric Sensing of Cyanide with Vitamin B<sub>12</sub>'  
Abstract 157
- 16.25–16.35 **Sieglinde Ebner, B. Jaun, M. Goenrich, R. K. Thauer, D. Hinderberger, J. Harmer**  
ETH Zürich, CH-8093 Zürich  
'Dramatic Conformational Change in the Enzyme Methyl-Coenzyme M Reductase (MCR) When the Coenzyme B Analogue CF<sub>3</sub>-S-CoB Binds to the Active Ni<sup>I</sup> State'  
Abstract 158
- 16.35–16.45 **Anneke Krüger, L. Yang, A. Neels, M. Albrecht**  
Department of Chemistry, University of Fribourg, CH-1700 Fribourg  
'Abnormal NHC Complexes of Rhodium: Synthesis and Catalytic Activity in Transfer Hydrogenation'  
Abstract 159
- 16.45–16.55 **Yu Liu, P. Schmutz, B. Spingler, R. Alberto**  
Institute of Inorganic Chemistry, University of Zurich, CH-8057 Zürich  
'Labeling Thiele's Acid with Re(I)/Tc(I) Triscarbonyl through Retro-Diels-Alder Reaction in Aqueous Media'  
Abstract 160
- 17.00–17.30 Coffee Break**
- 17.30–17.45 SCS Mettler-Toledo Awards for best oral presentations  
SCS prizes for best poster contributions**
- 17.45–18.45 Presentation of the Paracelsus Prize 2008**

## Organic Chemistry

- Session 1 Synthesis and Synthetic Methodology I**
- 11.15–12.30 Lectures**  
*University Zurich-Irchel, HS 45*  
Abstracts 250–254  
Chair: **Marcel Mayor**
- 11.15–11.30 **J. Bernà, J. D. Crowley, S. M. Goldup, Kevin D. Hänni, A.-L. Lee, D. A. Leigh**  
University of Edinburgh, West Mains Road, Edinburgh EH9 3JJ, UK  
'Rotaxanes via Palladium Active-Metal Template Strategies'  
Abstract 250
- 11.30–11.45 **Daniela F. Bossi, R. Mafua, T. A. Jenny**  
University of Fribourg, Chemin du Musée 9, CH-1700 Fribourg  
'Synthesis, Properties and Applications of Nickel(II) Bisimidazol-2-ylidene Complexes'  
Abstract 251
- 11.45–12.00 **Frank Rogano, P. Rüedi**  
Institute of Organic Chemistry, University of Zurich, CH-8057 Zürich  
'The Biomimetic Synthesis and Final Structure Determination of (–)-Centrolobine'  
Abstract 252
- 12.00–12.15 **S. Ahles, Hermann A. Wegner**  
Department of Chemistry, University of Basel, CH-4056 Basel  
'A New Au-Catalyzed Cyclization-Oxidative Coupling Reaction'  
Abstract 253
- 12.15–12.30 **Ronaldo Mariz, X. Luan, M. Gatti, A. Linden, R. Dorta**  
University of Zurich, CH-8057 Zürich  
'Asymmetric 1,4-Addition of Arylboronic Acids to Electron-Deficient Olefins Catalyzed by Rhodium(Bis-Sulfoxide) Complex'  
Abstract 254
- 12.30–14.15 Poster Session**  
*University Zurich-Irchel, Lichthof Area*  
Abstracts 276–378
- 14.15–15.00 General Assembly of the Swiss Chemical Society**  
*University Zurich-Irchel, HS 30*
- 15.00–17.00 Lectures**  
*University Zurich-Irchel, HS 45*  
Abstracts 255–262  
Chair: **Nathaniel S. Finney**
- 15.00–15.15 **Matthias A. Oberli, P. Bindschädler, T. Horlacher, M.-L. Hecht, D. B. Werz, P. H. Seeberger**  
ETH Zürich, CH-8093 Zürich  
'Synthesis of *Bacillus Anthracis* Major Cell-Wall Polysaccharide Repeating Unit'  
Abstract 255

- 15.15–15.30 **Sascha Kopp**, *K.-H. Altmann*  
ETH Zürich, Institute of Pharmaceutical Sciences, CH-8092 Zürich  
'The Total Synthesis of Valerenic Acid'  
Abstract 256
- 15.30–15.45 **Simone Bonazzi**<sup>ab</sup>, *S. Güttinger*<sup>c</sup>, *I. Zemp*<sup>c</sup>,  
*U. Kutay*<sup>c</sup>, *K. Gademann*<sup>a</sup>  
<sup>a</sup>Chemical Synthesis Laboratory, EPFL,  
CH-1015 Lausanne  
<sup>b</sup>Laboratorium für Organische Chemie, ETHZ,  
CH-8093 Zürich  
<sup>c</sup>Institut für Biochemie, ETHZ, CH-8093 Zürich  
'Total Synthesis, Configuration and Biological Evaluation of Anguinomycin C'  
Abstract 257
- 15.45–16.00 **Adrien K. Lawrence**, *K. Gademann*  
Chemical Synthesis Laboratory, EPFL,  
CH-1015 Lausanne  
'Synthetic Studies on Daphmanidins B and C Based on Biosynthetic Considerations'  
Abstract 258
- 16.00–16.15 **Sylvain Laclef**, *M. Turks*, *P. Vogel*  
EPFL, SB ISIC LGSA, BCH-5401,  
CH-1015 Lausanne,  
New Organic Chemistry: Expeditious Synthesis of Polypropionates'  
Abstract 259
- 16.15–16.30 **Markus Wiesner**, *J. D. Revell*, *H. Wennemers*  
Department of Chemistry, University of Basel,  
CH-4056 Basel  
'Peptides as Catalysts for Asymmetric 1,4-Addition Reactions of Aldehydes to Nitroalkenes'  
Abstract 260
- 16.30–16.45 **Dean Markovic**, *J. F. Hartwig*  
Yale University, P.O. Box 208107, 06520 New Haven, Connecticut and University of Illinois at Urbana-Champaign, 600 S. Matthew, 61801 Urbana, Illinois, USA  
'Iridium Catalyzed Allylic Substitutions: Mechanism and Catalysts Improvements by Rational Design'  
Abstract 261
- 16.45–17.00 **Martin Pouliot**<sup>a</sup>, *P. Renaud*<sup>a</sup>, *A. Studer*<sup>b</sup>,  
*T. Vogler*<sup>b</sup>  
<sup>a</sup>Department für Chemie und Biochemie, Universität Bern, CH-3008 Bern  
<sup>b</sup>Organisch-Chemisches Institut, Westfälische Wilhelms-Universität, Corrensstrasse 40, 48149 Münster, Germany  
'Catecholborane Mediated Generation of Homoenolate and Enolate Radicals'  
Abstract 262
- Session 2**
- 11.15–12.30 Lectures**  
*University Zurich-Irchel, HS 60*  
Abstracts 263–267  
Chair: **Nathan W. Luedtke**
- 11.15–11.30 **Torsten Peterle**, *M. Mayor*  
University of Basel, CH-4056 Basel  
'Thioethers Control Nanoparticles'  
Abstract 263
- 11.30–11.45 **Sergio Grunder**, *R. Huber*, *M. T. González*,  
*C. Schönenberger*, *M. Calame*, *M. Mayor*  
University of Basel, CH-4056 Basel  
'New Cruciform Structures Toward Coordination Induced Single Molecule Switches'  
Abstract 264
- 11.45–12.00 **Sergey Malashikhin**, *N. S. Finney*  
Institute of Organic Chemistry, University of Zurich, CH-8057 Zürich  
'A Novel Detection Method for the Explosive TATP'  
Abstract 265
- 12.00–12.15 **Simon Duttwyler**, *P. Romanato*, *A. Linden*,  
*K. K. Baldrige*, *J. S. Siegel*  
Organic Chemistry Institute, University of Zurich, CH-8057 Zürich  
'Synthesis and Study of 2,6-Diarylphenylsilyl Cations'  
Abstract 266
- 12.15–12.30 *J. S. Siegel*, *A. Linden*, **Nelli Rahanyan**  
University of Zürich, CH-8057 Zürich  
'Model Reactions for the Synthesis of Heterocorannulene'  
Abstract 267
- 12.30–14.15 Poster Session**  
*University Zurich-Irchel, Lichthof Area*  
Abstracts 276–378
- 14.15–15.00 General Assembly of the Swiss Chemical Society**  
*University Zurich-Irchel, HS 30*
- 15.00–17.00 Lectures**  
*University Zurich-Irchel, HS 60*  
Abstracts 268–275  
Chair: **Reto Dorta**
- 15.00–15.15 **Benno Bischof**, *J. S. Siegel*  
Organic Chemistry Institute, University of Zurich, CH-8057 Zürich  
'Synthesis of A C-Nucleotide and Investigation of Its Base Pairing Ability'  
Abstract 268
- 15.15–15.30 *J. Alzeer*, *B. Vummidi*, *P. Roth*,  
**Nathan W. Luedtke**  
Institute of Organic Chemistry, University of Zurich, CH-8057 Zürich  
'Structure-Selective Fluorescent Probes for G-Quadruplex DNA'  
Abstract 269



15.30–15.45 **Andreas Zumbuehl**, *D. G. Anderson, R. Langer*  
University of Geneva, Quai E. Ansermet 30,  
1211 Geneva; MIT, 77 Massachusetts Avenue,  
Cambridge MA, USA  
'Nonviral Gene Therapy Vectors'  
Abstract 270

15.45–16.00 **Anaëlle Dumas**, *N. W. Luedtke*  
University of Zurich, CH-8057 Zürich  
'Synthesis of 8-Substituted-2'-Deoxyguanosines  
for the Detection of DNA Folding'  
Abstract 271

16.00–16.15 **Michael Wächter**, *P. Ruedi*  
Institute of Organic Chemistry, University of  
Zurich, CH-8057 Zürich  
'The Stereochemical Course of the Irreversible  
Inhibition of Acetylcholinesterase by Optically  
Active Phosphadecalins'  
Abstract 272

16.15–16.30 **Patrick Tondo**, *T. A. Jenny*  
Université de Fribourg, Département de Chimie,  
CH-1700 Fribourg  
'On the Road to New Polycondensed Aromatic  
Hydrocarbons'  
Abstract 273

16.30–16.45 **Kishore Ravuri**, *V. Ravikumar, A. Violette,  
S. Sakurai, R. Bhosale, S. Maity, M. Lista,  
O. Kel, N. Banerji, E. Vauthey, N. Sakai,  
S. Matile*  
University of Geneva, Department of Organic  
Chemistry, Geneva  
'Zipper Assembly of Rigid-Rod  $\pi$ -Stack Cas-  
cade Architectures for Photocurrent Generation'  
Abstract 274

16.45–17.00 **Andreas Herrmann**<sup>a</sup>, *B. Levrاند*<sup>a</sup>,  
*F. Vigouroux-Elie*<sup>a</sup>, *N. Sreenivasachary*<sup>b</sup>,  
*J.-M. Lehn*<sup>b</sup>  
<sup>a</sup>Firmenich SA, Division Recherche &  
Développement, B.P. 239, CH-1211 Geneva 8  
<sup>b</sup>ISIS, Université Louis Pasteur, B.P. 70028,  
F-67083 Strasbourg, France  
'Reversible Hydrazone Formation Within  
Supramolecular Hydrogels: New Perspectives to  
Control the Release of Bioactive Volatiles'  
Abstract 275

17.00–17.30 **Coffee Break**

17.30–17.45 **SCS Mettler-Toledo Awards for best  
oral presentations  
SCS prizes for best poster contributions**

17.45–18.45 **Presentation of the Paracelsus  
Prize 2008**

## Physical Chemistry

11.15–13.00 **Lectures**  
*University Zurich-Irchel, HS 40*  
Abstracts 379–388  
Chair: **Peter Hamm**

11.15–11.30 **Joël Teuscher**, *B. Wenger, J.-E. Moser*  
Ecole Polytechnique Fédérale de Lausanne,  
Institut des Sciences et Ingénierie Chimiques,  
CH-1015 Lausanne  
'Competition between Charge Injection  
and Reductive Quenching at the Surface of  
Dye-Sensitized Semiconductors'  
Abstract 379

11.30–11.45 **Ive Hermans**  
ETH Zürich, Institute for Chemical and  
Bio-engineering, CH-8093 Zürich  
'From Radical Chemistry to Autoxidation  
Catalysis'  
Abstract 380

11.45–12.00 **Nobutaka Maeda**, *A. Urakawa, A. Baiker*  
Institute for Chemical and Bioengineering,  
ETH Zürich, CH-8093 Zürich  
'Time/space-resolved IR and Raman Investiga-  
tion of Dynamic Surface-bulk Events under  
Operando NO<sub>x</sub> Storage-reduction Conditions'  
Abstract 381

12.00–12.15 **Besnik Kasumaj**, *H. Dube, S. Stoll, C. Calle,  
F. Diederich, G. Jeschke*  
ETH Zürich, CH-8093 Zürich  
'Strong Level Mixing in Pulse EPR and  
Application to a Model System for Myoglobin  
(Mb) and Hemoglobin (Hb)'  
Abstract 382

12.15–12.30 **Bogdan C. Ibanescu**, *M. Allan*  
Chemistry Department, University of Fribourg,  
CH-1700 Fribourg  
'Dissociative Electron Attachment in Alcohols  
and Ethers: The Relationship Between Rydberg  
States and Feshbach Resonances'  
Abstract 383

12.30–12.45 **Short Poster Presentation HS 40**

**Jagdeep Singh**, *M. Tromp, O. Safonova,  
P. Glatzel, J. A. van Bokhoven*  
Abstract 384

**Xianfeng Li**, *Y. Sun, J. A. van Bokhoven,  
R. Prins*  
Abstract 385

**Raheleh Partovi Nia**, *B. Su, H. H. Girault*  
Abstract 386

**N. Plattner**, *M. Meuwly*  
Abstract 387

**R. Bisson**, *M. Sacchi, T. T. Dang, B. Yoder,  
P. Maroni, R. D. Beck*  
Abstract 388

12.30–14.15 **Poster Session**  
*University Zurich-Irchel, Lichthof Area*  
Abstracts 397–454

**14.15–15.00 General Assembly of the Swiss Chemical Society***University Zurich-Irchel, HS 30***15.00–16.30 Lectures***University Zurich-Irchel, HS 40*

Abstracts 389–396

Chair: **Frédéric Merkt**

15.00–15.15

**Monia Guidi**, *J. A. Stearns, C. Seaiby, U. J. Lorenz, G. Papadopoulos, O. V. Boyarkin, T. R. Rizzo*

Laboratoire de Chimie Physique Moléculaire, Ecole Polytechnique Fédérale de Lausanne, CH-1015 Lausanne

‘Infrared Laser Assisted Photofragment Spectroscopy on Biomolecules’

Abstract 389

15.15–15.30

**Sieghard Albert<sup>a</sup>**, *K. K. Albert<sup>a</sup>, S. Bauerecker<sup>b</sup>, M. Quack<sup>a</sup>*<sup>a</sup>Physical Chemistry, ETH Zürich, CH-8093 Zürich<sup>b</sup>Institute for Technical and Physical Chemistry, TU Braunschweig, D-38106 Braunschweig, Germany‘Steps Toward Experimental Detection of Molecular Parity Violation in CHFBrI: High Resolution Rovibrational Analysis of the  $\nu_6$  Mode’

Abstract 390

15.30–15.45

**Moniker Grütter**, *M. Suter, F. Merkt*

Laboratorium für Physikalische Chemie, ETH Zürich, CH-8093 Zürich

‘Spin-orbit Interaction and Jahn-Teller Effect in the  $X^+ \ ^2E$  Ground State of  $CH_3Cl^+$ ’

Abstract 391

15.45–16.00

**Michael Gasser**, *A. Bach, P. Chen*

ETH Zürich, CH-8093 Zürich

‘Photodissociation Dynamics of the 2-Methylallyl Radical’

Abstract 392

16.00–16.15

**P. Bornhauser**, **Peter P. Radi**

Paul Scherrer Institute, General Energy, CH-5232 Villigen

‘Deperturbation of the  $b \ ^3\Pi_g$  Electronic State ( $v' = 0, 1, 2$ ) of  $C_2$  by Two-Color Resonant Four-Wave Mixing’

Abstract 393

16.15–16.30

**Sean Garrett-Roe**, *P. Hamm*

Institute of Physical Chemistry, University of Zurich, CH-8057 Zürich

‘Three-point Frequency Fluctuation Correlation Functions of the OH-Stretch of Liquid Water’

Abstract 394

16.30–16.45

**Jakob Grilj**, *E. Vauthey*

University of Geneva, Physical Chemistry Department, Geneva

‘Time-resolved Studies of Electronically Excited Radical Ions in Liquid Solution’

Abstract 395

16.45–17.00

**Karen Keppler Albert<sup>a</sup>**, *S. Albert<sup>a</sup>, M. Quack<sup>a</sup>, J. Stohner<sup>b</sup>*<sup>a</sup>Physical Chemistry, ETH Zürich, CH-8093 Zürich<sup>b</sup>Zurich University for Applied Sciences, CH-8820 Wädenswil

‘High Resolution Infrared Spectroscopy of Small Heterocyclic Chiral Biomolecular

Precursor Molecules

Abstract 396

**17.00–17.30 Coffee Break****17.30–17.45 SCS Mettler-Toledo Awards for best oral presentations****SCS prizes for best poster contributions****17.45–18.45 Presentation of the Paracelsus Prize 2008****Polymer and Colloids****11.00–11.15 General Assembly of the Members of the Division***University Zurich-Irchel, HS 55***11.15–12.45 Lectures***University Zurich-Irchel, HS 55*

Abstracts 455–458

Chair: **A. Dieter Schlüter**

11.15–12.00

**Peter Schurtenberger**

Adolphe Merkle Institute and Fribourg Center for Nanomaterials, University of Fribourg, CH-1700 Fribourg

‘Soft Nanotechnology – From Colloid Chemistry to Nanostructured Functional Materials’

Abstract 455

12.00–12.15

**Ionel Popa**, *G. Papastavrou, M. Borkovec*

Department of Inorganic, Applied and Analytical Chemistry, University of Geneva, CH-1211 Geneva

‘Electrostatic Interactions between Colloidal Particles Covered with Oppositely Charged Dendrimers’

Abstract 456

12.15–12.30

**M. Fontana**, *G. Baisch, Reinhold Öhrlein*

CIBA, K-420.213, CH-4002 Basel

‘Preparation of Organic Nano-Particles for Electrophoretic Displays (E-Paper)’

Abstract 457

12.30–12.45

**Junji Sakamoto**, *A. D. Schlüter*

Laboratory of Polymer Chemistry, Institute of Polymers, Department of Materials, ETH Zürich

‘Monomers Designed for Periodical, Lateral Growth Towards 2D Polymers’

Abstract 458

**12.45–14.15 Poster Session***University Zurich-Irchel, Lichthof Area*

Abstracts 464–484

- 15.00–17.00 Lectures**  
*University Zurich-Irchel, HS 55*  
Abstracts 459–463  
Chair: **A. Dieter Schlüter**
- 15.00–15.30 **T. Schwalm, J. Wiesecke, Matthias Rehahn**  
Ernst-Berl-Institute for Chemical Engineering and Macromolecular Science, Darmstadt University of Technology, Petersenstrasse 22, D-64287 Darmstadt, Germany  
'Improved Gilch Synthesis of Poly(*p*-phenylene vinylenes) for OLED Applications'  
Abstract 459
- 15.30–15.45 **Katarzyna Kita-Tokarczyk**  
University of Basel, Department of Chemistry, CH-4056 Basel  
'Block Copolymers at Interfaces'  
Abstract 460
- 15.45–16.15 **F. Bin, J. Heier, F. A. Castro, T. Geiger, S. Kuster, H. Benmansour, M. Nagel, R. Hany, Frank Nüesch**  
Laboratory for Functional Polymers, Swiss Federal Laboratories for Materials Testing and Research-EMPA, CH-8600 Dübendorf  
'Polymethine Dyes – From Photography to Solar Cells'  
Abstract 461
- 16.15–16.30 **Nadja Franz, H.-A. Klok**  
EPFL, IMX-STI, Laboratoire des Polymères, Bâtiment MXD, Station 12, CH-1015 Lausanne  
'Synthesis of Hydrophilic/Hydrophobic Patterned Peptide and Oligoester Foldamers'  
Abstract 462
- 16.30–17.00 **Helmut Schlaad**  
Max Planck Institute of Colloids and Interfaces, Colloid Chemistry, Research Campus Golm, 14424 Potsdam, Germany  
'Bioinspired Structure Formation with Polyoxazolines'  
Abstract 463
- 17.00–17.30 Coffee Break**
- 17.30–17.45 SCS Mettler-Toledo Awards for best oral presentations  
SCS prizes for best poster contributions**
- 17.45–18.45 Presentation of the Paracelsus Prize 2008**