SCS CONFERENCES AND SYMPOSIA

01.03.–31.08.2018

SCS Spring Meeting 2018: «Bio-Inspired Chemistry»

April 6, 2018
Université de Neuchâtel
Aula des Jeunes-Rives
The SCS Spring Meeting is a one-day symposium and provides a high-quality program with national and international speakers of a certain topic. It is also the platform for the Werner Price Ceremony and the Werner Award Lecture.

Program
09.00 Welcome Coffee
09.30 Prof. Leroy Cronin, University of Glasgow, UK
«Combining Robotics and Artificial Intelligence for Search & Discovery in Chemical Space»
10.30 Prof. Thomas Ward, University of Basel, Switzerland
«Artificial Metalloenzymes: Challenges and Opportunities»
11.30 Werner Prize Lecture 2018
Prof. Sandra Luber, University of Zurich
«Advanced computational approaches for bio-inspired water splitting»
12.30 Lunch
13.00 SCS General Assembly
13.30 Prof. Jean-Pierre Sauvage, University of Strasbourg, France
«From Chemical Topology to Molecular Machines»
14.30 Prof. Takashi Kato, University of Tokyo, Japan
«Supramolecular Assemblies and Nanostructured Liquid Crystals for Future Materials»
15.30 Coffee Break
16.00 Prof. Peng Yin, Wyss Institute, Harvard University, USA
«Molecular Programming with DNA/RNA»
17.00 Aperitif

Contacts
Chair: Prof. Bruno Therrien, bruno.therrien@unine.ch
Sponsoring: David Spichiger, info@scg.ch

Participants fees
- SCS Members: free of charge.
  If attending as a SCS member you have to bring your SCS membership-card with you!
- Non-members: CHF 50.-
  Pre-registered participants will get an invoice in advance or can pay the fee online with a credit card to avoid waiting at the check-in desk. Pre-registration is possible until March 31, 2018.

scg.ch/springmeeting/2018

CHanalysis 2018

April 12–13, 2018
Dorint Hotel Beatenberg, Beatenberg
The goal of the meeting is to stimulate a stronger cooperation among persons working in the different areas of analytical sciences. Analytical scientists from applied/fundamental research and education are welcome.

Important Dates
Submission of abstracts: by March 2, 2018
Notification of acceptance: March 16, 2018
Registration: until March 23, 2018
Meeting: April 12–13, 2018

Program
Thursday, April 12, 2018
13.00 Conference Opening
13.05 Prof. Enrico Martinoia, University of Zurich
«Heavy metals and plants: how plants can be used in cleaning up soils and producing safe food»
13.50 Prof. Eric Bakker, University of Geneva
«Closed bipolar membrane electrodes to translate electrochemistry into colour»
14.20 Contributed lectures
15.00 Coffee break
15.30 Contributed lectures
17.00 Poster session
18.30 Dinner
21.00 Get-together party

Friday, April 13, 2018
09.00 Dr. Bodo Hattendorf, ETH Zurich
«Laser ablation under pressure for mass spectrometry-based element imaging without an ICP»
09.30 Prof. Renato Zenobi, ETH Zurich
«Exhalomics»
10.00 Coffee break
10.30 Contributed lectures
12.30 General Assembly of the Division Analytical Sciences of the Swiss Chemical Society
13.00 End of the meeting

Contact
Chairs: Ernö Pretsch, ETH Zürich, Marc J.-F. Suter, Eawag Dübendorf
Conference Secretariat: Lilo Weishaupt, infodas@eawag.ch

Participation Fee*
Regular fee: CHF 300.–
Students including PhD students: CHF 100.–
*includes meals and accommodation

scg.ch/chanalysis/2018
**Bürgenstock Conference 2018**

April 29 – May 3, 2018
Seehotel Waldstätterhof, Brunnen
The ‘SCS Conference on Stereochemistry’, better known as ‘Bürgenstock Conference’, is an outstanding international chemistry meeting of high scientific quality, with an optimal setting for intense inter-disciplinary discussion.

www.stereochemistry-buergenstock.ch

**DMCCB Basel Symposium 2018: «Novel chemical space and tools for chemical biology, medicinal and agrochemistry»**

May 14, 2018, 12.30–17.30h
University of Basel, Pharmacenter Klingelbergstrasse 50, 4056 Basel
The Division of Medicinal Chemistry & Chemical Biology of the SCS invites you to the next edition of the DMCCB Basel Symposium, a half-day event with five invited speakers. The goal is to stimulate a stronger cooperation among persons working in different areas of medicinal chemistry and chemical biology. Scientists from applied and fundamental research, from industry, education and regulation are welcome.

**Scientific Program**
- 13.00 Registration
- 13.30 Introduction
- 13.35 **Dr. Alleyn Plowright**, Sanofi
  «Joining forces: applications of Chemical Biology and Medicinal Chemistry to discover novel biological tools and utilise new therapeutic modalities»
- 14.20 **Dr. Miles Congreve**, Heptares Therapeutics Ltd.
  «Structure-Based Discovery of Small Molecule and Peptide Agents for GPCR Targets»
- 15.05 Coffee Break
- 15.30 **Prof. Gisbert Schneider**, ETH Zurich
  «Artificially-intelligent drug design»
- 16.15 **Prof. Jozef Vanden Broeck**, University of Leuven
  «Advances in understanding the mechanisms of RNA interference in insects»
- 17.00 **Prof. David Spring**, University of Cambridge
  «Enriching Chemical Space to Drug Undruggable Targets»
- 17.45 Aperitif

**Contact**
Cornelia Zumbrunn, Idorsia Pharmaceuticals Ltd.
cornelia.zumbrunn@idorsia.com

**Participants fees**
- SCS Members: free of charge
- Non-members: CHF 50
- Non-member students: CHF 25

www.stereochemistry-buergenstock.ch

**SCS Seminars 2018/1: Catalysis Across Scales**

June 13–15, 2018
City Hotel Oberland, Interlaken
We are pleased to announce the first summer school organized by SwissCat, the recently established Catalysis Section of the Swiss Chemical Society. The seminar is entitled “Catalysis Across Scales”.

With this event, we aim to bring together the next generation of scientists in the field of heterogeneous, homogeneous, and bio-catalysis. The workshop will cover a unique program, including 13 renowned speakers from academia and industry from the Swiss as well as the international scene. Thematic sessions will embrace the following topics from the fundamental level to process implementation, spanning through advanced preparation and characterisation methods as well as process assessment:
- Transformation of small molecules to key intermediates
- Conversion of renewables
- Synthesis of complex molecules and materials

In order to foster interaction among participants and speakers, groups will be formed to discuss current global challenges in catalysis. The outcome will be shared in short presentations.

**Speakers and Experts**
- Prof. Rebecca Buller, ZHAW, CH
- Dr. Alexey Fedorov, ETH Zurich, CH
- Dr. Davide Ferri, PSI Villigen, CH
- Dr. Denis Gribkov, Syngenta, CH
- Prof. Xile Hu, EPFL Lausanne, CH
- Dr. Hans Ieding, Roche, CH
- Prof. Núria López, ICIQ, Spain
- Dr. Jonathan Medlock, DSM, CH
- Dr. Gerhard Mestl, Clariant, Germany
- Prof. Stavros Papadokonstantakis, Chalmers University, Sweden
- Dr. Esben Taarning, Haldor Topsoe, Denmark

**Fees**

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<thead>
<tr>
<th>Category</th>
<th>Early bird</th>
<th>Regular</th>
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<tbody>
<tr>
<td>Students, PhD and Postdocs</td>
<td>CHF 500</td>
<td>CHF 600</td>
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<tr>
<td>SCS members</td>
<td>CHF 600</td>
<td>CHF 700</td>
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<tr>
<td>Non-SCS members</td>
<td>CHF 1’000</td>
<td>CHF 1’200</td>
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<td>Other Participants</td>
<td>CHF 1’200</td>
<td>CHF 1’400</td>
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**Deadlines**
- 16.02.2018 Opening of registration
- 30.03.2018 Deadline for early bird registration
- 10.05.2018 Deadline for regular registration
- 13.06.2018 Start of the SCS seminar 2018/1

**SwissCat Representatives**
Prof. Javier Pérez-Ramírez, ETHZ and Prof. Christophe Copéret, ETHZ
Co-Chairs of the Seminar

scg.ch/scs-seminars/2018-1
SCS Fall Meeting 2018

September 7, 2018, 09.00–18.45h
EPFL Lausanne, first floor of BS and CE buildings
We are pleased to invite you to the SCS Fall Meeting, one of the largest, annual scientific event held in Switzerland. We are happy and proud to present you a fantastic and diversified program with contributions from academia and industry in all fields of chemistry.

The SCS Fall Meeting offers a unique opportunity for all members of the community to share the results of their research initiatives. It also stimulates the exchange of ideas between all generations of chemists, often creating the seeds for new projects and collaborations.

The scientific program will offer invited and contributed lectures as well as poster presentations in the following fields:

- Analytical Sciences
- Catalysis Science & Engineering
- Computational Chemistry
- Inorganic & Coordination Chemistry
- Medicinal Chemistry & Chemical Biology
- Organic Chemistry
- Physical Chemistry
- Polymers, Colloids & Interfaces
- Chemical Education

We encourage you to come to Lausanne to present your research and to be part of a vibrant meeting.

Deadlines
15.02.2018: Open Registration and Abstract submission
13.05.2018: Latest date for abstract submission
24.08.2018: Participant registration (onsite registration on 07.09.18 is possible but may cause queue time)

scg.ch/fallmeeting/2018

Scientiae & Robotica 2018

5.–8. September, 2018, EPFL, Lausanne
Weiterbildung für Lehrpersonen der Sekundarstufe II
Formation continue pour les enseignantes du secondaire II
Der Kongress richtet sich an Lehrpersonen der Naturwissenschaften und der Mathematik der Sekundarstufe II sowie an Interessierte aus anderen Fachbereichen und Lehrstufen.

Das Programm, bestehend aus Vorträgen und Workshops, bietet den Teilnehmenden die Möglichkeit, Verbindungen zwischen Robotik und Wissenschaftsbildung zu entdecken sowie über die Fach- und Sprachgrenzen hinaus Kontakte zu knüpfen und sowohl mit Kolleginnen und Kollegen als auch renommierten internationalen und nationalen Wissenschaftlern Ideen auszutauschen.

Arbeitsbereiche:
- Biologie und Robotik
- Chemie und Robotik
- Informatik und Robotik
- Mathematik und Robotik
- Physik und Robotik

Call für Workshop Beiträge

Interessierte Lehrpersonen, die gerne einen Workshop zu Robotik, Automation oder Big Data im Bereich Chemie anbieten möchten, melden sich bei der SCG über info@scg.ch oder direkt bei den Organisatoren via info@scientiaerobotica.ch. Neben Spesenrückvergütungen wird ein Honorar für die Durchführung der Workshops ausbezahlt. Möglich sind Arbeitsblöcke von 45min oder 90min.

http://scientiaerobotica.ch/

More SCS Events 2018: save the dates

ILMAC Lausanne 2018
October 3–4, 2018, MCH Beaulieu Lausanne SA
The fair provides a unique platform for process and lab automation in the French speaking part of CH with a strong focus of interaction and get-together sessions.

www.ilmac.ch/lausanne

Clariant Chemistry Day 2018
October 4, 2018, Basel
Half-day symposium including lectures, poster session, discussions and the SCS-Clariant Clean Tech Award 2018.

scg.ch/ccd/2018

13th Swiss Course on Medicinal Chemistry (Leysin Course)
October 7–12, 2018, Leysin
Five-day Medicinal Chemistry School with focus on most modern aspects associated with small molecule drug discovery.

scg.ch/scmc/2018

Artificial Intelligence in Chemical Research
October 9, 2018, Syngenta Research Center, Stein (AG)
The symposium will be aimed at computational chemists, cheminformaticians, and chemists with a strong background in data mining rather than at AI experts.

scg.ch/aicr/2018

2nd Swiss Industrial Chemistry Symposium, SICS 2018
October 19, 2018, Basel
Platform for industrial scientists to present their latest research to colleagues from industry but also to the academic community.

scg.ch/sics/2018

Non-SCS Conferences in Switzerland

01.04.–30.09.2018

34th PSI Electrochemistry Symposium
25.04.2018, 9–17h, Paul Scherrer Institut, Auditorium West WHGA/001
“Pushing Limits of Characterization in Electrochemistry”
The six distinguished speakers of this year’s Electrochemistry Symposium will take us on a journey to the science of selected methods applied to relevant problems of electrochemical storage and conversion materials.

www.psi.ch/ec18

Swiss Biotech Day 2018
03.05.2018, Congress Center Basel
The Swiss Biotech Day has long become the standard annual get-together of the Swiss biopharmaceutical industry. And Basel, as one of the most vivid cities in terms of biotechnological and pharmaceutical research, development and production, proved to be the ideal location.

swissbiotechday.ch
10th Wädenswil Day of Life Sciences 2018
07.06.2018, ZHAW, Campus Grüental, Gebäude GA, Aula Hauptgebäude, Wädenswil
Second Symposium of Industrial Biocatalysis. One day symposium with speakers from Switzerland and abroad who will talk about current challenges in the field.
https://www.zhaw.ch/de/lsfm

2018 Life Science Forum Basel (LSFB)
07.06.2018, Pharmazentrum/Biozentrum of the Univ, Basel
Celebrating the 11th edition of the LSFB in a new format including a panel discussion
http://www.lifescienceforumbasel.org

18th European Congress on Biotechnology
01.–04.07.2018, The International Conference Centre, Geneva
The European Congress on Biotechnology (ECB) is the leading congress for academic and industrial biotechnologists in Europe and is the flagship biennial event of the European Federation of Biotechnology (EFB).
cebc2018.com/

International Symposium on Reactive Intermediates and Unusual Molecules (ISRIUM) 2018
15.–20.07.2018, Congressi Stefano Francini (CSF), Monte Verità, Ascona
The conference is one in a series of meetings of chemists who share an interest in understanding the mechanisms by which chemical transformations take place, and identify the reactive intermediates that occur in the course of these transformations. The success of this field since the 1950s has led to the incorporation of mechanistic thinking into the underlying vocabulary, discourse, and teaching of chemistry. ISRIUM 2018 seeks to bring together on Monte Verità practitioners from different fields in chemistry and adjoining disciplines ranging from molecular biology to materials science, who share a mechanistic interest.
http://www.isrium2018.ethz.ch

10th International Conference on f-Elements (ICFE-10)
03.–06.09.2018, EPFL, Esplanade, Lausanne
Broad-scope conference encompassing all aspects of rare earths (Sc, Y, lanthanides) and actinides science. Sponsored by the European Rare Earth and Actinide Society, ERES (http://ereswww.epfl.ch)
http://icfe10.epfl.ch

Basel Life 2018
Basel Life: Showcasing Europe’s Excellence in Life Sciences. The congress is Europe’s leading congress in the life sciences, showcasing cutting-edge science and technology. It brings together preeminent researchers in the field, and offers talented young scientists the possibility to present themselves.
https://www.basellife.org

Lectures April 2018

University of Basel
Anorganische und Organische Chemie
Departement Chemie, St. Johans-Ring 19, 4056 Basel
http://www.chemie.unibas.ch

Prof. Jean-Francois Nierengarte, University of Strasbourg, Strasbourg, France
06.04.2018, 10.45h, Kleiner Hörsaal OC

Dr. Helen Mott, University of Cambridge, Cambridge, UK
20.04.2018, 10.45h, Kleiner Hörsaal OC

Dr. Dario Bassani, Université de Bordeaux, France
26.04.2018, 17.30h, kleiner Hörsaal OC

Pharmazeutische Wissenschaften
Pharmazentrum, Klingelbergstr. 50, 4056 Basel
https://pharma.unibas.ch/de/teaching/sds/

Dr. Tobias Junt, Novartis Institute for Biomedical Research, Basel
04.04.2018, 17.00h, Lecture Hall 1
“Translational research supports target validation and clinical study design for autoimmune diseases”

Dr. Jonas Egger, F. Hoffmann-La Roche Ltd, Basel
18.04.2018, 17.00h, Lecture Hall 1
“Good Design Practice”
Seminars on Drug Sciences

Dominik Lott, Idorsia Pharmaceuticals Ltd, Allschwil
25.04.2018, 17.00h, Lecture Hall 1
“Using modeling and simulation to characterize the effects of the selective S1P1 receptor modulator ponesimod”
Seminars on Drug Sciences

Physikalische Chemie
Departement Chemie, Klingelbergstr. 80, 4056 Basel
http://www.chemie.unibas.ch

Prof. Dr. Martin Suhm, Georg-August-Universität, Göttingen, Germany
“Benchmarking Experiments for Numerical Quantum Chemistry”
Heilbroner-Hückel-Lecture

University of Berne
DCB, Freiestrasse 3, 3012 Bern
http://www.dcb.unibe.ch

Prof. Gene Yeo, University of California, San Diego, USA
09.04.2018, 16.30h, Hörsaal U113
“Understanding protein-RNA interactions at scale and manipulating RNA with RNA-targeting CRISPR/Cas”
NCCR RNA & Disease Seminar
Prof. Thuc-Quyen Nguyen, University of California, Santa Barbara, USA
13.04.2018, 11.15h, Hörsaal S 379
PhD Programm

Prof. Omar Yaghi, UC Berkeley, USA
18.04.2018, 16.30h, Hörsaal EG 16
“Reticular Materials for Harvesting Water from Desert Air (in cooperation with the Swiss Society of Crystallography)”
Berner Chemische Gesellschaft

Prof. em. Louis Schlaphach, ETH / Empa, Zürich
18.04.2018, 16.30h, Hörsaal EG 16
“Career Development for Young Scientists”
Berner Chemische Gesellschaft

University of Fribourg
Department of Chemistry,
Chemin du Musée 9, 1700 Fribourg
http://www.chem.unifr.ch/fr/events/seminars/

Prof. Javier Pérez-Ramírez, ETH Zürich
11.04.2018, 17.15h, Main auditorium 0.013

University of Genève

Chimie organique
Bâtiment Sciences II, 30 quai Ernest Ansermet, 1211 Genève 4
http://www.unige.ch/sciences/chiorg/

Dr. André Nadler, Max Planck Institute of Molecular Cell Biology and Genetics, Desden, Germany
12.04.2018, 16.30h, auditoire A100

Prof. Omar Yaghi, Materials Sciences Division, UC Berkeley, USA
20.04.2018, 10.30h, Sciences III, auditoire IS081

Dr. Frank Petersen, Natural Products Unit, Novartis Pharma
23.04.2018, 17.30h, Sciences III, auditoire IS059

Prof. Chris Hunter, University of Cambridge, Cambridge, UK
27.04.2018, 14.15h,
“Chemical Information Processing”

EPFL Lausanne
1015 Lausanne
https://sb.epfl.ch/chemistry

Prof. Daniel Werz, TU Braunschweig, Germany
04.04.2018, 14.15h, BCH 2201
“The Three-Membered Ring as Unique Structural Unit: News from Donor-Acceptor Cyclopropane Chemistry”

Prof. Paolo Melchiorre, ICIQ Tarragona, Spain
04.04.2018, 15.15h, BCH 2201
“Enhancing the potential of organocatalysis with light”

Prof. Tatiana da Ros, University of Trieste, Italy
06.04.2018, 16.15h, BCH 2201

“From the Most Beautiful Molecule to the Shiniest Material: Carbon Nanostructures in Theranostrics”
Chemical Engineering Seminar

Prof. Wilfred Chen, University of Delaware, USA
20.04.2018, 16.15h, BCH 2201
“Adding Logic to Complex Protein Functions”
Chemical Engineering Seminar

Prof. Etienne Garand, University of Wisconsin-Madison, USA
05.04.2018, 17.15h, BCH 2201

Prof. Martin Suhm, Georg-August-Universität, Germany
26.04.2018, 17.15h, BCH2201
Heilbronner-Hückel-Lecture

ETH Zurich
ETH Hönggerberg, Vladimir-Prelog-Weg

Prof. Alexander Wokaun, ETH Zürich
19.04.2018, 17.15h, HG F30
“Wasserstoff – eine Zeitreise”

Prof. Dr. Robert Grubbs, Caltech, USA
23.04.2018, 16.00h, HCI J3
“Design and Applications of Selective Olefin Metathesis Catalysts”
Behringer Simon Lecture

J.-Prof. Dr. Bettina Keller, Freie Universität Berlin, Berlin, Germany
10.04.2018, 16.45h, HCI J3
“Advanced discretization methods for Markov state models of molecular dynamics”
Kolloquium für Physikalische Chemie

Prof. Dr. Timothy S. Zwier, Purdue University, West Lafayette, USA
17.04.2018, 16.45h, HCI J3
“Single-Conformation Spectroscopy from the Microwave to the Ultraviolet”
Kolloquium für Physikalische Chemie

University of Zurich
Irchel Campus, Winterthurerstrasse 190, 8057 Zürich
chem.uzh.ch/en/events/schedule.html

Prof. Dr. Daniele Leonori, University of Manchester, UK
10.04.2018, 17.00h, lecture hall tba
“Visible-Light-Mediated Generation of C-N Bonds”

Prof. Dr. Omar M. Yaghi, University of California, Berkeley, USA
17.04.2018, 17.00h, lecture hall tba

Prof. Dr. Anthony P. Davis, University of Bristol, UK
24.04.2018, 17.00h, lecture hall tba
“Biomimetic Carbohydrate Recognition: The Host-Guest Chemistry of Carbohydrates in Water”