



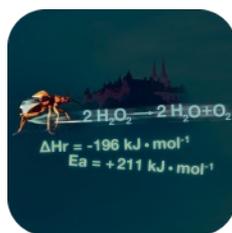
## Events

Congresses, Symposia, Lectures, Education Courses

### 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 Prize 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

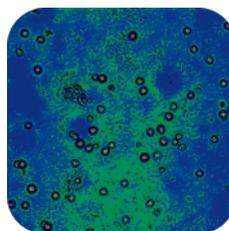
Chair: Prof. Bruno Therrien, [bruno.therrien@unine.ch](mailto:bruno.therrien@unine.ch)  
 Sponsoring: David Spichiger, [info@scg.ch](mailto:info@scg.ch)

#### 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](http://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 Martionioia**, 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](mailto:infodas@eawag.ch)

#### Participation Fee\*

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

[scg.ch/chanalysis/2018](http://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.

Stereochemistry is the principle underlying our understanding of the processes of life and the properties of matter at the molecular level. It is a key element not only in all chemical disciplines, but also in modern molecular biology, molecular medicine, biophysics, and material design. Accordingly, the ‘Bürgenstock Conference’ has grown over the years into a multi-disciplinary conference where frontier science is being discussed. Lectures cover many areas of chemistry and relevant highlights from neighboring disciplines.

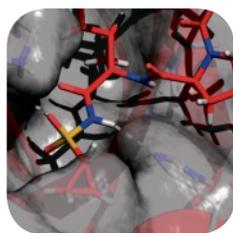
According to its long tradition, the 53<sup>rd</sup> Bürgenstock Conference 2018 will again be interdisciplinary, covering many areas of chemistry in its main body, but allowing also for relevant highlights from neighboring disciplines, with due focus on structural and mechanistic aspects in all contributions.

The program consists of 13 plenary lectures (60 minutes), each followed by a discussion session of 30 minutes. Thus, there will be ample time for each topic to be presented fully and examined from different angles and perspectives. Lectures and discussions are held in the mornings and the evenings. The afternoons are free for recreation, informal discussions, and poster sessions.

All participants, including invited lecturers and moderators, are expected to stay for the whole duration of the Conference.

[www.stereochemistry-buergenstock.ch](http://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, Pharmazentrum  
Klingelbergstrasse 50, 4056 Basel  
The program of this interdisciplinary meeting will include renowned scientists from industry and academia with whom we will explore exciting novel chemical spaces of interest to chemical biologists, medicinal and agrochemists.

### Contact

Cornelia Zumbrunn, Idorsia Pharmaceuticals Ltd  
[cornelia.zumbrunn@idorsia.com](mailto:cornelia.zumbrunn@idorsia.com)

### Participants fees

- SCS Members: free of charge.
- Non-members: CHF 50.

[scg.ch/dmccb-basel-symposium/2018](http://scg.ch/dmccb-basel-symposium/2018)

## 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 characterization 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 Iding, Roche, CH
- Prof. Núria López, ICIQ, Spain
- Dr. Jonathan Medlock, DSM, CH
- Dr. Gerhard Mestl, Clariant, Germany
- Dr. Cecilia Mondelli, ETH Zurich, CH
- Dr. Rocco Paciello, CaRLa-BASF, Germany
- Prof. Stavros Papadokonstantakis, Chalmers University, Sweden
- Dr. Esben Taarning, Haldor Topsoe, Denmark

### Fees

Students, PhD and Postdocs	Early bird	Regular
SCS members	CHF 450	CHF 550
Non-SCS members	CHF 550	CHF 650
Other Participants	Early bird	Regular
SCS members	CHF 900	CHF 1'100
Non-SCS members	CHF 1'200	CHF 1'400

### 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](http://scg.ch/scs-seminars/2018-1)

**More SCS Evnts 2018: save the dates****DIAC Annual Member Meeting 2018 and Visit of Cilag**

March 22, 2018, Cilag AG, Schaffhausen | [scg.ch/diac](http://scg.ch/diac)  
Member Assembly of the SCS Division of Industrial & Applied Chemistry and visit of Cilag AG, incl. input lecture and round tour to the production site and the labs.

**SCS Fall Meeting 2018**

September 7, 2018, EPFL Lausanne | [scg.ch/fallmeeting/2018](http://scg.ch/fallmeeting/2018)  
Scientific conference with plenary lectures, eight parallel sessions and a large poster session.

**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.

**Clariant Chemistry Day 2018**

October 4, 2018, Basel | [scg.ch/ccd/2018](http://scg.ch/ccd/2018)  
Half-day symposium including lectures, poster session, discussions and the SCS-Clariant Clean Tech Award 2018

**13<sup>th</sup> Swiss Course on Medicinal Chemistry (Leysin Course)**

October 7–12, 2018, Leysin | [scg.ch/scmc/2018](http://scg.ch/scmc/2018)  
Five-day Medicinal Chemistry School focus on most modern aspects associated with small molecule drug discovery

**2<sup>nd</sup> Swiss Industrial Chemistry Symposium, SICS 2018**

October 19, 2018, Basel | [scg.ch/sics/2018](http://scg.ch/sics/2018)  
Platform for industrial scientists to present their latest research to colleagues from industry but also to the academic community.

**NON-SCS CONFERENCES IN SWITZERLAND****01.03.–31.08.2018****Swiss Symposium on Lab Automation 2018**

22.03.2018, HSR Hochschule für Technik, Rapperswil  
Das 8. Swiss Symposium on Lab Automation widmet sich dem Schwerpunktthema «Artificial Intelligence on Lab Automation»  
[ilt.hsr.ch/index.php?id=17524&L=0](http://ilt.hsr.ch/index.php?id=17524&L=0)

**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](http://swissbiotechday.ch)

**18<sup>th</sup> 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).  
[ecb2018.com/](http://ecb2018.com/)

  
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**SEE YOU IN 2018**

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[www.analytica.de](http://www.analytica.de)

 **analytica**

## SCS LECTURESHIPS 2018

### Prof. Scott J. Miller, Yale University, USA



«Searching for Selective Catalytic Reactions in Complex Molecular Environments»

Tour date: 26.02.–05.03.2018

Tour organizer: Prof. Christof Sparr, University of Basel

#### Program

- Tue, February 26, 2018, 15.30h  
University of Basel, Kleiner Hörsaal OC
- Tue, February 27, 2018, 16.30h  
University of Bern, Lecture Hall EG16
- Wed, February 28, 2018, 17.15h  
EPF Lausanne, Lecture hall BCH2201
- Thu, March 1, 2018, 16.30h  
University of Geneva, Auditorium A100, Sciences-II
- Fri, March 2, 2018, 16.00h  
University of Fribourg, Big Auditorium 0.013
- Mon, March 5, 2018, 16.00h  
ETH Zurich, Hönggerberg, HCI J3

[scg.ch/scs-lectureships/](http://scg.ch/scs-lectureships/)

The SCS Lectureships are supported by the Platform Chemistry of the Swiss Academy of Sciences (SCNAT) and Helvetica (Wiley-VHCA)



sc | nat

Swiss Academy of Sciences  
Akademie der Naturwissenschaften  
Accademia di scienze naturali  
Académie des sciences naturelles

## LECTURES JANUARY 2018

### Lectures at Novartis



**Prof. Shu-Li You**, Shanghai Institute of Organic Chemistry, Shanghai, China

07.03.2018, 10.30h, WSJ-386.P.038 Auditorium

„Recent Progress on Catalytic Asymmetric Dearomatization (CADA) Reactions“

Novartis Chemistry Lectureship

### University of Basel



**Inorganic and organic chemistry**  
[chemie.unibas.ch](http://chemie.unibas.ch)

**Prof. Lutz Ackermann**, University of Göttingen, Germany

09.03.2018, 10.45h, Kleiner Hörsaal OC

“Selectivity control in C-H activation”

**Prof. Antonio Echavarren**, ICIQ, Tarragona, Spain

23.03.2018, 10.45h, Kleiner Hörsaal OC

### University of Berne

<https://dcb.unibe.ch>



**Prof. Jennifer A. Doudna**, University of California, Berkeley, USA

12.03.2018, 16.30h, Lecture Hall U113

“CRISPR Systems: From Biology to Biotechnology”

NCCR RNA & Disease Seminar

**Sir Paul Nurse**, Francis Crick Institute, London, UK

26.03.2018, 16.30h, Lecture Hall U113

“Controlling the Cell Cycle, how it started in Bern”

Biochemische Vereinigung Bern

### University of Fribourg

<https://chem.unifr.ch>



**Prof. Scott Miller**, Yale University, USA

02.03.2018, 15.00h, main auditorium

“Searching for Selective Catalytic Reactions in Complex Molecular Environments”

SCS Lectureship

**Prof. Mircea Dinca**, Massachusetts Institute of Technology, USA

14.03.2018, 17.15h, main auditorium

### University of Genève

**Chimie organique**

<http://www.unige.ch/sciences/chiorg/>



**Prof. Scott Miller**, Yale University, USA

01.03.2018, 16.30h, Auditoire A-100

“Searching for Selective Catalytic Reactions in Complex Molecular Environments”

SCS Lectureship

**Dr Andrew L. Lawrence**, University of Edinburgh, UK

15.03.2018, 16.30h, Auditoire A-100

“Biomimetic Natural Product Synthesis”

**Prof. Tim Claridge**, University of Oxford, UK

22.03.2018, 16.30h, Auditoire A-100

“NMR studies of molecules large and small”

### EPFL Lausanne

<https://sb.epfl.ch/chemistry>



**Prof. Alois Fürstner**, Max-Planck-Institut für Kohleforschung, Mülheim, Germany

13.03.2018, 16.15h, Génopode A

“Recent Advances in Carbene Chemistry”

**Prof. Erick M. Carreira**, ETH Zurich

13.03.2018, 17.15h, Génopode A

**Prof. Seth Marder**, Georgia Institute of Technology, USA

22.03.2018, 17.15h, BCH2201

## ETH Zurich



**Prof. Mircea Dinca**, Massachusetts Institute of Technology, USA  
13.03.2018, 17.15h, HCI J7, Hönggerberg  
“New Tricks: Catalysis and Charge Transport in Microporous Metal-Organic Frameworks”  
LAC Lecture Series - Teaching Sponges

**Prof. Antonio Villaverde**, Universitat Autònoma de Barcelona, Spain  
14.03.2018, 17.15h, Hörsaal HCI J4, Hönggerberg  
“Nanostructured, carrier-free protein drugs for cell-targeted cancer therapies”  
Seminars on Drug Discovery and Development

**Prof. Lorenz Gubler**, ETH Zurich  
20.03.2018, 16.45h, Hörsaal HCI J3, Hönggerberg  
“Anti-Aging and Detox for Fuel Cell Membranes”

**Prof. Kyoko Nozaki**, University of Tokyo, Japan  
27.03.2018, 17.15h, Hörsaal HCI J7, Hönggerberg  
“Catalysis towards Utilization of Renewable Resources”

**Prof. Kyoko Nozaki**, University of Tokyo, Japan  
28.03.2018, 17.15h, Hörsaal HCI J7, Hönggerberg  
“Copolymerization of Olefins with Polar Monomers”

**Prof. Dr. Scott Miller**, Yale University, USA  
05.03.2018, 16.00h, HCI J3  
“Searching for Selective Catalytic Reactions in Complex Molecular Environments”  
LOC Monday Colloquium / SCS Lectureships

**Prof. Dr. Scott Denmark**, University of Illinois, USA  
12.03.2018, 16.00h, HCI J3  
“Synthetic, Mechanistic and Computational Studies on AE Inspired Chemistry: From Polyene Cyclizations to Origin of Biomolecular Homochirality”  
Eschenmoser Lecture

**Prof. Dr. Mariola Tortosa**, UAM Universidad Autónoma de Madrid, Spain  
19.03.2018, 16.00h, HCI J3  
“Synthesis of Versatile Synthetic Intermediates through Copper Catalysis”  
LOC Monday Colloquium

**Prof. Dr. Marcy Zenobi-Wong**, ETH Zurich, Switzerland  
26.03.2018, 16.00h, HCI J3  
“Biomimetic Materials for Tissue Engineering”  
LOC Monday Colloquium

**University of Zurich**  
[chem.uzh.ch/en/events/schedule.html](http://chem.uzh.ch/en/events/schedule.html)



**Prof. Miquel Costas**, University of Girona, ES  
13.03.2018, 16.00h, Irchel Campus, lecture hall tba

**Prof. Dr. Scott Denmark**, University of Illinois, USA  
13.03.2018, 17.00, Irchel Campus, lecture hall tba

**Prof. Dr. Istvan Horvath**, City University Hong Kong, HK  
27.03.2018, 17.00, Irchel Campus, lecture hall tba  
«Evolutionary Definition of Sustainability and Its Application in Synthesis, Catalysis, and Biomass Conversion to Chemicals»

## EDUCATION COURSES IN ANALYTICAL CHEMISTRY

Our team has put together an interesting program of courses in analytical science for 2018, which we hope you will take advantage of. It covers topics of basic knowledge in introductory courses as well as expert knowledge in advanced workshops. Therefore, both newcomers and experts in specific fields may find topics of interest. The subjects cover the fields of separation science, spectroscopy, analytical applications, methods for life sciences, quality assurance as well as information retrieval and management.

We are continuously updating our program. We also offer an increasing number of courses in English and in French held in Olten and in Geneva.

Please contact us if you are interested in topics you feel should be added to the program. We may also provide the announced courses in your organization with significant discount. We are also happy to help organize workshops in your organization that are tailored to your specific needs. Please contact us via email: [infodas@eawag.ch](mailto:infodas@eawag.ch) or phone: 058 765 52 00.

Importantly, the latest program incorporating up to date information is always found online on the DAS website: [www.scg.ch/kurse](http://www.scg.ch/kurse)



**SCS**  
Swiss Chemical Society  
Division of Analytical Sciences

### InCompany Training Individuelle Beratung und Schulung

Wir organisieren oder erarbeiten gemeinsam mit Ihnen InCompany-Schulungen und -Trainings nach Ihren Vorstellungen und Bedürfnissen. Experten stehen Ihnen für eine persönliche Bedarfsabklärung und Beratung gerne zur Verfügung.

#### Ort / Termin

Das Training kann bei Ihnen vor Ort durchgeführt werden. Für Ihre Mitarbeiterinnen und Mitarbeiter fallen keine Reise- und Übernachtungskosten an!  
Es stehen auch Kursräume und Praktikumsräume zur Verfügung. Der Termin wird vereinbart.

#### Zielgruppe/Kundenkreis

Kund/-innen, die Bedarf für zusätzliche Aus- und Weiterbildungsmaßnahmen in Ergänzung zum diesjährigen DAS-Angebot haben oder Kurse firmenintern durchführen möchten. Gebühren auf Anfrage.

#### Kontakt

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+41 -58 765 52 00, [infodas@eawag.ch](mailto:infodas@eawag.ch)