



## Events

Congresses, Symposia, Lectures, Education Courses

### SCS CONFERENCES AND SYMPOSIA

01.06.–30.11.2018

#### 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

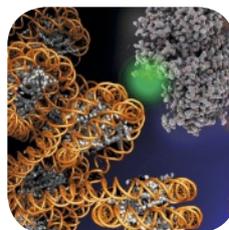
- SCS members CHF 600
- Non-SCS members CHF 700

Other Participants

- SCS members CHF 1'200
- Non-SCS members CHF 1'400

[scg.ch/scs-seminars/2018-1](http://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. We expect close to 1'000 participants.

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

The deadline for abstract submission is over.

24.08.2018: Participant registration (onsite registration on 07.09.18 is possible but may cause queue time)

[scg.ch/fallmeeting/2018](http://scg.ch/fallmeeting/2018)

### Scientiæ & Robotica 2018



5.–8. September, 2018,  
EPFL, Lausanne

Weiterbildung für Lehrpersonen der Sekundarstufe II

Formation continue pour les enseignants 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:** Robotik und Biologie / Chemie / Informatik / Mathematik / Physik.

### 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](mailto:info@scg.ch) oder direkt bei den Organisatoren via [info@scientiaerobotica.ch](mailto: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](http://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](http://scg.ch/ccd/2018)



#### 13<sup>th</sup> 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](http://scg.ch/scmc/2018)



#### Artificial Intelligence in Chemical Research

October 9, 2018, Syngenta Research Center, Stein (AG)

This symposium brings together world-experts in the field, who will provide an overview on the status quo of AI in chemical research and an outlook where it is heading to. Key questions for

which we will seek answers during the event:

- What were the key advancements in the recent years?
- Where can AI realistically already make significant contributions in chemical research?
- What are the key challenges that need to be solved to make more progress?

[scg.ch/aicr/2018](http://scg.ch/aicr/2018)



#### 2<sup>nd</sup> 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](http://scg.ch/sics/2018)

## Non-SCS CONFERENCES IN SWITZERLAND

### 01.06.–30.11.2018

#### 10<sup>th</sup> 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.

[www.zhaw.ch/icbt/day-of-lifesciences](http://www.zhaw.ch/icbt/day-of-lifesciences)

#### 2018 Life Science Forum Basel (LSFB)

07.06.2018, Pharmazentrum/Biozentrum of the Univ, Basel

Celebrating the 11<sup>th</sup> edition of the LSFB in a new format including a panel discussion

[www.lifescienceforumbasel.org](http://www.lifescienceforumbasel.org)

#### 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/)

#### International Symposium on Reactive Intermediates and Unusual Molecules (ISRIUM) 2018

15.–20.07.2018, Congressi Stefano Franscini (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 had 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.

[www.isrium2018.ethz.ch](http://www.isrium2018.ethz.ch)

#### Swiss Summer School 2018 in Chemical Biology

19.08.2018 – 23.08.2018, Eurotel Victoria, Villars sur Ollon

Four days summer school covering a wide range of chemical biology. Speakers and teaching body:

Prof. Anna K. H. Hirsch (Germany), Prof. Dimitrios Stamou (Denmark), Prof. Huib Ovaas (The Netherlands), Prof. Jörn Piel, (Switzerland), Prof. Karl Gademann (Switzerland), Prof. Manfred Jung (Germany), Prof. Rudi Fasan (USA), Prof. Seung Bum Park (Korea)

[scg.ch/scs-seminars/2018-2](http://scg.ch/scs-seminars/2018-2)

**Annual Meeting of the Swiss Physical Society 2018**

28.08.2018–31.08.2018, EPFL, Lausanne

The program will consist of the approved mix of plenary talks, topical sessions and poster exhibition. The meeting is organized in collaboration with the Swiss Institute of Particle Physics (CHIPP and the NCCR MARVEL) (Computational Design and Discovery of Novel Materials). They all together guarantee an exciting conference covering physics at its best.

<http://www.sps.ch>**Stereodynamics 2018**

02.–07.09.2018, Waldhotel Arosa

5-day symposium on Stereodynamics with international speakers.

[stereodynamics18.epfl.ch](http://stereodynamics18.epfl.ch)**10<sup>th</sup> 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>)

[icfe10.epfl.ch](http://icfe10.epfl.ch)**Basel Life 2018**

11.–14.09.2018, Congress Center Basel, Basel

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.

[www.basellife.or](http://www.basellife.or)**36<sup>th</sup> SGMS annual meeting**

25.–26.10.2018

Dorint Resort Bluemlisalp, Beatenberg

Annual Meeting of the Swiss Group for Mass Spectrometry SGMS membership is open to individual persons working in the field of mass spectrometry, and to active sponsoring members.

[www.sgms.ch/sgms/ms-meetings/2018-sgms-meeting.php](http://www.sgms.ch/sgms/ms-meetings/2018-sgms-meeting.php)**International Symposium on Persistent Toxic Substances (ISPTS 2018)**

06.–09.11.2018, FHNW Campus Muttensz

Scientific program include topics like Sources, transport and fate of PTS, Emerging contaminants of concern, Toxicology and eco-toxicology of PTS, Analytical and bioanalytical methods, Fate and toxicity modelling, Risk assessment of PTS, Mitigation and remediation of PTS, Environmental pollution and health, Karl Fent tribute career.

[www.ispts2018.ch](http://www.ispts2018.ch)**SCS LECTURESHIPS, JUNE 2018**

**Dr. Zhaomin Hou, Organometallic Chemistry Laboratory, RIKEN, Saitama, Japan**

Tour date: 28.05.–05.06.2018

Tour organizer: Prof. E Peter Kündig, University of Geneva

Picture source: [www.riken.jp](http://www.riken.jp)

«Our Search for New Catalysts for More Efficient and Selective Chemical Transformations»

- Mon, May 28, 2018, 17.00h  
University of Zurich, lecture room G60
- Tue, May 29, 2018, 16.30h  
University of Bern, lecture room EG16
- Wed, May 30, 2018, 17.15h  
University of Fribourg, lecture room 0.013
- Thu, May 31, 2018, 11.15h  
EPF Lausanne, lecture room: BCH2201
- Fri, June 1, 16.30h  
University of Geneva, lecture room A 150
- Mon, June 4, 2018, 16.00h  
ETH Zurich, lecture room HCI J3



**Prof. Craig M. Crews, Yale University, USA**

Tour date: 18.–22.06.2018

Tour organizer: Prof. Dennis Gillingham, University of Basel

Picture source: [crewslab.yale.edu](http://crewslab.yale.edu)

«PROTAC-mediated Protein Degradation: The Chemical Equivalent of siRNA»

- Mon, June 18, 2018, 16.00h  
ETH Zürich, Hönggerberg, HCI J3
- Tue, June 19, 2018  
University of Basel, Dept. Chemistry
- Wed, June 20, 2018  
University of Bern, DCB
- Thu, June 21, 2018  
EPF Lausanne
- Fri, June 22, 2018, 16.30h  
University of Geneva

[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)

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

## LECTURES JUNE 2018

### Novartis Lectures



**Prof. Elizabeth R. Jarvo**, University of California, Irvine, USA  
20.06.2018, 10.30h, WSJ-386.P.038 Auditorium  
Novartis Chemistry Lectureship

### University of Basel



**Anorganische und Organische Chemie**  
Departement Chemie, St. Johannis-Ring 19, 4056 Basel  
<http://www.chemie.unibas.ch>

**Prof. Marinella Mazzanti**, EPFL, Lausanne, Switzerland  
01.06.2018, 10.45h, Kleiner Hörsaal OC

**Prof. Miki Hasegawa**, Aoyama Gakuin University, Japan  
22.06.2018, 10.45h, Kleiner Hörsaal OC  
«Enhanced fluorescence of helicate rare earth complexes»

### University of Genève



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

**Prof. Zhaomin Hou**, Riken Center for Sustainable Resource Science, Japan  
01.06.2018, 16.30h  
«Search for new catalysts for more efficient and selective chemical transformations»

**Dr. Anna Company Casadevall**, Institut de Química Computacional i Catalisi (IQCC), Departament de Química, Universitat de Girona, Spain  
07.06.2018, 16.30h, Auditoire A-100  
«Spectroscopic studies and oxidizing reactivity of two high-valent Ni-oxygen species»

**Prof. Andrew Smith**, School of Chemistry, University of St Andrews, UK  
19.06.2018, 14.15h  
«Enantioselective Lewis Base Catalysis using Isothioureas»

**Prof. Craig Crews**, Department of Chemistry, Yale University, USA  
22.06.2018, 16.30h  
«PROTAC-mediated Protein Degradation: The Chemical Equivalent of siRNA»

**Prof. Stefan L. Regen**, Department of Chemistry, Lehigh University, Bethlehem, PA, USA  
28.06.2018, 14.15h  
«Lipid Raft Formation: Uncovering Push-Pull Forces»

### ETH Zurich



**Laboratorium für Organische Chemie**  
ETH Hönggerberg, Vladimir-Prelog-Weg  
<https://www.chab.ethz.ch/forschung/institute-und-laboratorien/LOC/LOC-event.html>

**Prof. Zhaomin Hou**, RIKEN Center for Sustainable Resource Science, Japan  
04.06.2018, 16.00h, ETH Hönggerberg, HCI J3  
«Search for new catalysts for more efficient and selective chemical transformations»  
LOC Monday Colloquium

**Prof. Craig Crews**, Yale University, USA  
18.06.2018, 16.00h, ETH Hönggerberg, HCI J3  
«PROTAC-mediated Protein Degradation: The Chemical Equivalent of siRNA»  
LOC Monday Colloquium

## DAS EDUCATION COURSES

The Division of Analytical Sciences (DAS) of the Swiss Chemical Society (SCS) offers a wide range of further education courses in the fields of analytical sciences such as separation, spectroscopy, analytical applications, methods of biotechnology and life sciences as well as quality assurance and information management.

From beginners to experts, all level of users are within our target group. We offer our courses in collaboration with industrial partners to ensure the relevance of application.

### Course Categories

- Analytical applications
- Methods of Life Sciences
- Quality assurance
- Spectroscopy
- Separation technology

### In-Company Training

We are happy to organize or prepare, together with you, in-company training appropriate to your specific needs. We are prepared to provide

- courses to fit your specific requirements
- targeted treatment of your problems
- if necessary, training on your own instruments

The training can be organized at your site or in our classrooms.

### Contact:

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E-Mail: [infodas@eawag.ch](mailto:infodas@eawag.ch)

### Website and Course Catalog

<http://courses.scg.ch>