

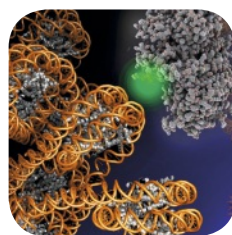


Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

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)

Website: 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 oder direkt bei den Organisatoren via info@scientiaerobotica.ch. Neben Spesenrückvergütungen wird ein Honorar für die Durchführung der Workshops ausbezahlt. Möglich sind Arbeitsblöcke von 45 min oder 90 min.

Website: <http://scientiaerobotica.ch/>

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.

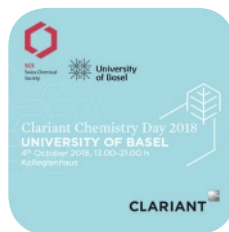
www.ilmac.ch/lausanne

Symposium on PAT, October 3, 11.00–14.00

Process analytical technology (PAT) has been demonstrated as one of the key driver for the future plant automation. More and more smart sensors will be analyzing the critical quality attributes of your product and critical asset performance indicators will provide you a clear picture of your over-all plant fitness. All the collected information could result into a real-time release or “lights-out” manufacturing strategy. For this time, the Swiss PAT community will meet at ILMAC Lausanne!

Lectures from HEIA Fribourg, JMP Statistical Software and contributions from industry will provide a holistic overview on latest developments and in the field as well as practical examples. More information and registration on scg.ch/ilmac/2018

Clariant Chemistry Day 2018



October 4, 2018, Basel

Half-day symposium including lectures, poster session, discussions and the SCS-Clariant Clean-Tech Award 2018.

The day will highlight outstanding achievements in sustainable chemistry and present the winners of the annual “Clariant CleanTech Award Switzerland” and the “Clariant Chemistry Award at the University of Basel”. In a poster session and in

lectures the award nominees and scientists from throughout Switzerland will introduce the latest R&D advances in the field of CleanTech. Recent developments in the industry will be presented in “Clariant CleanTech Lectures”.

Program

- 12.30 Opening of registration
 13.00 Welcome message
 Prof. Marcel Mayor, University of Basel, and Dr. Martin Vollmer, Chief Technology Officer, Clariant
 13.20 Dr. Marvin Estenfelder, Head of R&D Business Unit Catalyst, Clariant
 «Catalysts – Enablers of a more sustainable world»
 13.45 1st Clariant CleanTech Award Lecture
 14.00 2nd Clariant CleanTech Award Lecture
 14.15 Poster Session I and Coffee Break
 15.15 Dr. Markus Rarbach, Head of Business Line Biofuels & Derivatives, Clariant
 «Value generation from agricultural waste: Clariant Sunliquid™ technology»
 15.30 Clariant Chemistry Award at the University of Basel Lecture
 15.45 3rd Clariant CleanTech Award Lecture
 16.00 4th Clariant CleanTech Award Lecture
 16.15 Poster Session II and Coffee Break
 17.15 Dr. Dirk Leinweber, Head of Competence Center Surfactants & Functional Chemicals, Clariant,
 «Genadvance Hydra – A truly natural hair moisturizer»
 17.30 Prof. Paul Dyson, EPF Lausanne
 «Improving the sustainability of reactions by modifying the environment of the catalyst»
 18.30 Ceremonies for the CleanTech Awards, Clariant Chemistry Awards and Poster Awards
 18.45 Conclusion and Closing remark Executive member of Clariant
 19.00 Opening of buffet, network event
 21.00 End of event

Clariant CleanTech Award Switzerland

The Clariant CleanTech Award Switzerland is endowed with a total of 10'000 CHF. The first prize is endowed with 5'000 CHF.

The Clariant CleanTech Award Switzerland is available to successful Master students, PhD students, and Postdocs who have distinguished themselves with outstanding scientific achievements at the Departments of Chemistry and adjacent disciplines of Universities, Universities of Applied Sciences and Institutes in Switzerland in areas of Sustainable Chemistry such as resource efficiency, renewable energy, renewable raw materials or green technologies and environmental protection.

Applicants are requested to submit one file including

- their curriculum vitae,
- a brief description of the scientific results (max. 5 pages), and
- an expert assessment from a supervisor by August 24, 2018.

The candidates of the best four dossiers are invited to present their work as an oral presentation at the Clariant Chemistry Day (15 min). Based on the presentation, the jury decides about the winner and the runners-up.

All candidates are also invited to present their project as a poster.

Clariant Chemistry Day Poster Award

A poster session will allow participants to share information and exciting new results in the field of CleanTech and sustainable chemistry. All presented posters will automatically be consid-

ered for the award. The «Clariant Chemistry Day Poster Award» is endowed with 500 CHF.

Registration deadline is August 24, 2018.

Website: scg.ch/ccd/2018

13th Swiss Course on Medicinal Chemistry (Leysin Course)



October 7–12, 2018, Leysin

This five-day Medicinal Chemistry School that is organized by the Division of Medicinal Chemistry and Chemical Biology of the Swiss Chemical Society will focus on most modern aspects associated with small molecule drug discovery, highlighting the methodologies and technologies supporting hit generation,

lead finding and lead optimization campaigns.

In the beautiful and scenic village of Leysin, close to Lake Geneva, more than 100 young scientists are expected to meet with more than 30 international renowned expert speakers and instructors.

As in previous years, the teaching content will be targeted at young scientists working in the area of medicinal chemistry, but also from flanking disciplines such as biochemistry, pharmacy, pharmacology, or biophysics from the pharmaceutical and biotech industry. Given the broad spectrum and the timeliness of scientific topics discussed, the course also provides a valuable opportunity for advanced medicinal chemists to get acquainted with most recent developments in e.g. the medicinal chemistry of novel target families, novel compound classes, and most modern optimization paradigms. In addition, a number of PhD students and postdocs will be able to attend to receive a broad overview on scientific disciplines involved in modern drug discovery.

The upcoming event will thematically be structured along key topics of strategic relevance for medicinal chemistry that will be presented by opinion leaders in the field. The teaching content will further be intensified by hands-on tutorials in which the theoretical learning's can immediately be applied to real life problems of pre-clinical drug discovery.

Focus areas

- New Chemical Space utilized for Medicinal Chemistry Applications
- Medicinal Chemistry Approaches towards prominent Target Families
- Technologies and Tactics applied in Lead Finding and Optimization
- Case Stories of successful small-molecule drug discovery

Co-chairmen

Dr. Gerhard Müller, Gotham Therapeutics

Prof. Dr. Beat Ernst, University of Basel

Dr. Daniel Obrecht, Polyphor Ltd.

Deadlines

15.07.18 Full program online incl. all abstracts of the speakers

15.08.18 Registration Deadline for Participants

07.10.18 Start of the SCMC

Website: scg.ch/scmc/2018

Artificial Intelligence in Chemical Research



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

Perspective

Artificial Intelligence (AI) has shown massive impact in many areas of science and engineering: voice recognition and processing of human language, prediction of trends based on collected data, all the way to self-driving cars. So far, however, the impact of AI in chemical research has been limited. Most recently, a number of large-scale collaborations of pharmaceutical companies with AI companies, established or start-ups, have been announced, which can be taken as an indication that there is progress also in this area of science.

Purpose

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?

Participants

The target audience are computational chemists, cheminformaticians, and chemists who wish to understand how AI will affect design and process in chemistry in the future. Active participation in discussions is highly welcome.

You are kindly invited to this one-day event organized by Syngenta, Novartis, Roche, Idorsia, Lonza, and the Swiss Chemical Society.

Invited Speakers

Alán Aspuru-Guzik, Harvard University, USA
 Robert Glen, University of Cambridge, UK
 Edward O. Pyzer-Knapp, IBM Research, UK
 Matthias Rarey, Universität Hamburg, DE
 Adrian E. Roitberg, University of Florida, USA
 Bob Sheridan, Merck, USA
 O. Anatole von Lilienfeld, University of Basel, Switzerland
 Mark P. Waller, Shanghai University, China

Registration

Thanks to our sponsors, the participation is free of charge. A maximum of 200 participants will be admitted. Confirmations are given on a first come-first serve basis.

Website: scg.ch/aicr/2018

2nd Swiss Industrial Chemistry Symposium, SICS 2018



October 19, 2018, University of Basel, Department of Chemistry.

The SICS is a one-day symposium with lectures and short talks of industrial chemists working in R&D in Switzerland. The symposium offers a unique platform for industrial scientists, working in research and process research, to present their latest results, to interact

with each other and to network with professors, PhD students and other scientific staff of Swiss universities. An extended poster session with presentations from industry (20%) and academy (80%) will stimulate the interaction.

Program

08.30 Welcome coffee, registration

Morning Session

Chairs: Jérôme Cassayre, Syngenta and Thomas Heinz, Novartis

- 08.55 Opening, welcome
 Dr. Remo Gamboni, F. Hoffmann-La Roche
- 09.00 Dr. Silvio Roggo, Senior Investigator, Natural Products Chemistry, Novartis AG
 «Reengineering and Repurposing of Cyclosporins»
- 09.30 Dr. Marc Thommen, Head CMC, Polyphor Ltd, Allschwil, joint talk with Speaker from Bachem AG, Bubendorf
 «CMC challenges with cyclic peptides»; Transitioning from MedChem scale to production scale for a macrocyclic peptide highlighting selected challenges and solutions.»
- 10.00 Dr. Andreas Boudier, Siegfried AG
 «From Lab to Plant – achieving better process performance on scale using new lab technologies and data management tools»
- 10.30 Coffee Break
- 11.00 Dr. Christian Chapuis, Firmenich SA
 «Synthesis of Methyl Jasmonate and Analogues»
- 11.30 4x Short Talks à 8 min
 Dr. Andreas Hafner, BASF Schweiz AG, Basel
 «Nano-microstructured films for large area optical applications»
 Prof. Dario Neri, PhilochemAG/ETH Zurich
 «DNA-encoded chemical libraries»
 Dr. Christof Aellig, LONZA, Visp
 «Lonza's advances in flowchemistry»
 Dr. Paul Hebeisen, PIQUR TherapeuticsAG, Basel
 «What a Difference a Dalton Makes. From the University Lab to PIQUR»

Lunch and Poster Sessions

- 12.10 Lunch buffet
 12.45 Poster sessions A (2nd and 3rd floor) and coffee
 13.30 Poster sessions B (2nd and 3rd floor) and coffee

Afternoon Session

Chairs: Hayley Binch and Olivier Baudoin

- 14.20 4x Short Talks à 8 min
 Dr. Craig Harris, Head of Research Synthesis, Nestlé Skin Health/ Galderma S.A., Lausanne
 «Design and synthesis of novel peptidomimetic Caspase I inhibitors as a novel topical treatment for acne»
 Dr. Werner Bonrath, DSM Nutritional Products
 «Future of Catalysis in Fine Chemical Industry»
 Dr. Thomas Fessard, SpirochemAG
 «New trends and tactics in bioisosteric switch strategies»
 Dr. Vit Lellek, Cilag/ Johnson&Johnson
 «From Process Development of a potent Cathepsin S Inhibitor to efficient Syntheses of Pyrazoles»
- 15.00 Dr. Thomas Woltering and Jean-Michel Adam, F. Hoffmann-La Roche AG, Basel
 «BACE1 Inhibitor – from 12 mg to 7 kg: A Great Mix of Challenges, “Surprises” & Achievements»
- 15.30 Dr. Christoph Boss, Idorsia Pharmaceuticals Ltd., Allschwil
 «Discovery and Characterization of ACT-541468, an

- Orally Available, Brain Penetrant Dual Orexin Receptor Antagonist with Potent Sleep Promoting Properties»
- 16.00 Coffee Break
- 16.30 Dr. Clemens Lamberth, Syngenta Crop Protection AG, Stein (AG)
«How rarely used reactions enabled the synthesis of highly active fungicides»
- 17.00 Award ceremony for the best poster presentation
3 x 5' presentations of winners
- 17.30 Concluding Remarks: Dr. Alain De Mesmaeker, Syngenta / SCS President
Aperitif and Networking

Free admission for SCS members. However, online registration until October 12 is mandatory.

Call for Abstracts for Poster Presentations

Please register and apply for a poster presentation until August 12, 2018

Website: scg.ch/sics/2018

NON-SCS CONFERENCES IN SWITZERLAND

01.07.–31.12.2018

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).
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

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

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

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>)
icfe10.epfl.ch

11th Chemistry Demonstrations Day for School Teachers

11.09.2018
EPF Lausanne, CO3, Lausanne-Dorigny
Four high school chemistry teachers mainly from the canton of Vaud take turn in presenting simple chemistry demonstrations to be shown in the classroom. No theory involved.

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.baselife.or

36th 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

International Symposium on Persistent Toxic Substances (ISPTS 2018)

06.–09.11.2018, FHNW Campus Muttens
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

LECTURES JULY 2018

ETH Zurich

ETH zürich

Chemie- und
Bioingenieurwissenschaften (ICB)
ETH Hönggerberg, Vladimir-Prelog-Weg

Prof. Konrad Tiefenbacher, University of Basel
27.07.2018, 16.00 h, ETH Zurich, Hönggerberg, HCI J4
«Terpene Biosynthesis as Inspiration for Supramolecular Catalysis»

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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Fax: +41 -58 765 58 01
E-Mail: infodas@eawag.ch

Website and Course Catalog

<http://courses.scg.ch>

Plateforme pour la chimie,
la pharmacie et la biotechnologie

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3. und 4. Oktober 2018 | Expo Beaulieu Lausanne

Für die französischsprachige Schweiz



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