



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

Swiss Snow Symposium 2020, organized by the Swiss Young Chemists' Association (SYCA)



January 24–26, 2020, Saas-Fee (VS)
The 18th edition of this traditional symposium takes place in Saas-Fee again and provides an innovative platform for young chemists to present their work and to exchange their experience.

A well balanced mix between lectures, short talks and poster session as well as get-togethers at the hotel bar and snow

fun activities on the slopes of the Allalin-Mountain guarantee a unique experience of science and fun.

Venue

Swiss Family Hotel Alphubel, Saas-Fee

Confirmed Speakers

Prof. Paul Dyson, EPFL Lausanne

Prof. Victor Mougel, ETH Zurich

Dr. Daniel Seeliger, Boehringer Ingelheim

Participation Fees

- SCS Members: CHF 180.00
- Non-SCS Members: CHF 260.00

The number of participants is limited to 60 and we confirm the participations on a first-come-first-serve basis.

The fees include meals, accommodation and the symposium fee. Not included are ski tickets and consummation at the bar.

Kontakt

Guido Panzarasa, ETH Zurich, guido.panzarasa@mat.ethz.ch

Dmitry Vasilyev, EPFL Lausanne, dmitry.vasilyev@epfl.ch

Website

scg.ch/sss/2020

SCS Spring Meeting 2020: «Environmental Sciences»



April 3, 2020, 09.00–17.30h,
FHNW Muttenz, Aula, Hochschule für Life Sciences

Given its increasing importance, the Swiss Chemical Society (SCS) extends its activities into the area of Environmental Sciences and founded a new section in 2019. The *Section of Chemistry and the Environment* represents

scientists from all fields of fundamental and applied research in environmental sciences and regulatory experts and acts on their behalf in national and international organizations. The Section's

activities include all research areas related to chemical processes that molecules undergo in the environment and their impact on the environment. It includes atmospheric, aquatic and soil chemistry, and the effect of molecules on living organisms.

The SCS Spring Meeting 2020, in combination with the CHIMIA issue 3/2020, provides the opportunity to exchange knowledge and ideas and to form the new community.

Invited Speakers:

Prof. Ioannis Katsogiannis, Aristotle Univ. Thessaloniki, GR

Prof. Lucy Carpenter, University of York, UK

Prof. Arturo Keller, UC Santa Barbara, USA

Prof. Tamara Galloway, University of Exeter, UK

Dr. Michael Sander, ETH Zürich, CH

Dr. Claudio Screpanti, Syngenta, CH

Dr. Bettina Hitzfeld, Federal Office for the Environment (FOEN)

Additional Program Items

Werner Lecture 2020

SCS General Assembly 2020

Aperitif and networking event

Organizing Committee

Prof. Kathrin Fenner, Eawag/University of Zurich

Dr. Lukas Emmenegger, Empa Dübendorf

Dr. Jutta Hellstern, Novartis Pharma AG

Dr. Stefan Höger, Innovative Environmental Services (IES) Ltd.

Prof. Tamar Kohn, EPFL Lausanne

Dr. Heike Laue, Givaudan Schweiz AG

Prof. Vera Slaveykova, University of Geneva

Dr. Imelda Stamp, Syngenta Crop Protection AG

Prof. Götz Schlotterbeck, FHNW Muttenz

Website

scg.ch/springmeeting/2020

SCS Conference on Stereochemistry 2020 (Bürgenstock Conference)



April 26–30, 2020, Hotel Waldstätterhof, Brunnen, Switzerland

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.

According to its long tradition, the 55th

Bürgenstock Conference 2020 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.

President

Prof. Janine Cossy, École Supérieure de Physique et de Chimie Industrielles, Paris, France

Organizing Committee

Prof. Christian Bochet, University of Fribourg
 Prof. Cristina Nevado, University of Zurich
 Dr. Alain De Mesmaeker, Syngenta Crop Protection
 Dr. Fabrice Gallou, Novartis Pharma AG
 Prof. Thomas R. Ward, University of Basel
 Prof. Jérôme Waser, EPFL Lausanne

Website

scg.ch/buergerstock/2020

NON-SCS CONFERENCES IN SWITZERLAND

01.11.2019–30.04.2020

Plastics Update Conference

14.11.2019, Hochschule für Technik und Architektur, Auditorium Edouard Gremaud, Fribourg

The 4th Plastics Update Conference informs on state-of-the-art thinking and proposes technology that can make a difference to transform industry and engage ensuring humanity can continue to enjoy the benefits of planet and plastics in a sustainable way. International speakers are highlighting the main ambitions of the EU strategy and present implementable actions to address the challenges for realizing a sustainable circular economy for plastics.

Three topics are expanded upon

- Design for Recycle
- Biomass-based Plastics
- Innovative Plastics.

<https://plasticsupdate.picc.center>

SPS symposium for the 125th Anniversary of Georges Lemaître (cosmology)

21.11.2019, 14.15–20.00h, Kuppelsaal of the University of Bern
 The symposium organised by the Swiss Physical Society in collaboration with the Platform MAP of SCNAT will celebrate the 125th Anniversary of Georges Lemaître, nowadays recognised as the central founding father of the Big Bang model of the Universe.

Special Lecture on the IYPT 2019:

19.00h, Friedrich-Karl Thielemann, Universität Basel
 «Making the Elements in the Universe: From the Big Bang to Stars and Stellar Explosions»

<https://naturalsciences.ch/organisations/map/117006>

ChemMetBio 2020: Chemistry of Metal Ions & Nanoparticles in Biology

17.01.2020, Chemistry Department of University of Fribourg, PER10 building, Fribourg

The main goal of this event is to learn about interdisciplinary works between inorganic chemistry and biology. To allow this, we invited speakers coming from Europe (Switzerland, France, Portugal and United Kingdom) and United States of America (Illinois). Moreover, post doctoral researchers and PhD students

from the chemistry department of Unifr will held small presentation to share their research. This conference day is open to an international audience.

<http://frommgroup.ch/ChemMetBio/>

Symposium on Atomic, Cluster and Surface Physics (SASP 2020)

02.-07.02.2020, St. Moritz Bad

This international symposium is one in a continuing biennial series of conferences (the last one was held in 2018 in Obergurgl, Austria) which seeks to promote the growth of scientific knowledge and effective exchange of information among scientists in the field of atomic, molecular, and surface physics. The symposium deals in particular with collisional interactions involving different types of collision partners, i.e. electrons, photons, molecules, nano-particles, and surfaces.

<https://sasp20.empa.ch>

LECTURES NOVEMBER 2019

University of Basel

Inorganic and Organic Chemistry

Department of Chemistry, St. Johanns-Ring 19, 4056 Basel

<http://www.chemie.unibas.ch>



Prof. Dr. Gerald J. Meyer, University of North Carolina at Chapel Hill, USA

01.11.2019, 10.45h, Small lecture room OC, Organic Chemistry
 «Supramolecular coordination compounds for HX splitting with sunlight»

AC lecture

Prof. Agnieszka Szumma, Polish Academy of Science, Warsaw, Poland

08.11.2019, 10.45h, Small lecture room OC, Organic Chemistry
 OC lecture

Prof. Dr. Belén Martín-Matute, Stockholm University, Stockholm, Sweden

15.11.2019, 10.45h, Small lecture room OC, Organic Chemistry
 «Selective construction of carbon-heteroatom bonds mediated by homogeneous and heterogeneous catalysts»

OC lecture

Prof. Dr. Henning Stahlberg, University of Basel, Basel

21.11.2019, 17.30h, Small lecture room OC, Organic Chemistry
 «Cryo-electron microscopy and the nano-world of Parkinson's disease: How ultrastructural investigations of human brain can guide drug research to novel targets»

Basel Chemical Society

Prof. Florian Beuerle, Julius-Maximilians University of Würzburg, Würzburg, Germany

22.11.2019, 10.45h, Small lecture room OC, Organic Chemistry
 OC lecture

Pharmazeutische Wissenschaften

Klingelbergstrasse 50, 4056 Basel

<https://pharma.unibas.ch/de/teaching/sds/>

Prof. Melpomeni Fani, Radiopharmaceutical Chemistry, Clinic of Radiology and Nuclear Medicine, University Hospital Basel, Basel, Switzerland

06.11.2019, 17.00h, Lecture Hall 1, Pharmazentrum

«Peptide-based radiopharmaceuticals for cancer imaging and therapy»

Seminars on Drug Sciences

Dr. Christoph Rademacher, Max Planck Institute of Colloids and Interfaces, Department of Biomolecular Systems, Potsdam, Germany

13.11.2019, 17.00h, Lecture Hall 1, Pharmazentrum

«Glycomimetic-based targeted delivery to immune cells»

Seminars on Drug Sciences

Dr. med. Peter Gasser, Facharzt für Psychiatrie und Psychotherapie FMH, Solothurn, Switzerland

20.11.2019, 17.00h, Lecture Hall 1, Pharmazentrum

«Therapy with mind altering substances. An approach between pharmacology and psychotherapy.»

Seminars on Drug Sciences

Prof. Dr. Martin Fussenegger, Dept. Biosystems Science and Engineering, ETH Zürich, Switzerland

27.11.2019, 17.00h, Lecture Hall 1, Pharmazentrum

«Designing Cell-Based Treatment Strategies of the Future»

Seminars on Drug Sciences

University of Bern

Department of Chemistry and Biochemistry

Freiestrasse 3, 3012 Bern

<http://dcb.unibe.ch>



UNIVERSITÄT
BERN

Prof. Oliver Mühlemann, University of Bern

02.11.2019, 10.00h, Lecture Hall U113

«Genom editieren mit CRISPR-Cas – Wie funktioniert es? Was kann/soll/darf man damit machen?»

Biochemie am Samstag

Prof. Andreas Türler, University of Bern

09.11.2019, 11.00h, Lecture Hall U113

«Die natürlichen Grenzen des Periodensystems 150 Jahre nach seiner Entdeckung»

Biochemie am Samstag

Dr. Magnus Johansson, Uppsala University, Uppsala, Finland

11.11.2019, 16.30h, Hörsaal S 481

«Single-Molecule Tracking Approaches to Protein Synthesis Kinetics in Living Cells»

Biochemische Vereinigung Bern

Prof. Sebastian Leidel, University of Bern

16.11.2019, 10.00h, Lecture Hall U113

«Können Zellen das Lesen verlernen?»

Biochemie am Samstag

Prof. Phil Bevilacqua, Pennsylvania State University, PA, USA

18.11.2019, 16.30h, Lecture Hall U113

«Enhancement of Small Ribozyme Function By Biological Solution Conditions and Confinement»

NCCR RNA & Disease Seminar

Dr. Julien Furrer, University of Bern

23.11.2019, 10.00h, Lecture Hall U113

«Wie werden Schwermetalle aus unserem Körper geleitet?»

Biochemie am Samstag

EPFL Lausanne

1015 Lausanne

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

<https://isic.epfl.ch/PCseminar>



ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

Prof. Matthew Rosseinski, University of Liverpool, UK

07.11.2019, 17.15h, BCH 2201

Prof. Michael Tsapatsis, Johns Hopkins University, USA

22.11.2019, 16.15h, BCH 2201

Prof. Fran Paradisi, University of Bern

29.11.2019, 16.15h, BCH 2201

University of Fribourg

Department of Chemistry

Chemin du Musée 9, 1700 Fribourg

<http://www.chem.unifr.ch>



UNIVERSITÉ DE FRIBOURG
UNIVERSITÄT FREIBURG

Prof. Matthew Rosseinsky, University

of Liverpool, UK

06.11.2019, 17.15h, main auditorium 0.013

University of Geneva

Science II, 30 quai Ernest Ansermet,

1211 Geneva 4

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



UNIVERSITÉ
DE GENÈVE

Prof. Doron Shabat, School of Chemistry, Tel Aviv, Israel

14.11.2019, 16.30h, Auditoire A-100

«The Emergence of Aqueous Chemiluminescence: New Promising Class of Phenoxy 1,2-Dioxetanes»



ACCELERATING PROCESS
INNOVATION WITH MODERN
DATA ANALYTICS

Join the event in Basel or online
jmp.com/explorersbasel



jmp
Statistical Discovery™ from SAS

ETH Zurich
Laboratory of Organic
Chemistry (LOC), Hönggerberg
<https://www.chab.ethz.ch>

ETH zürich

Dr. Josep Cornellà, Max-Planck-Institut für Kohlenforschung,
 Mülheim, Germany
 04.11.2019, 16.00h, ETH Hönggerberg, HCI J7
 «Bismuth Redox Catalysis»
 LOC Monday Colloquium

Prof. Joseph Moran, University of Strasbourg, France
 11.11.2019, 16.00h, ETH Hönggerberg, HCI J7
 «The Chemical Origins of Biological Metabolism»
 LOC Monday Colloquium

Prof. Joost Reek, University of Amsterdam, The Netherlands
 18.11.2019, 16.00h, ETH Hönggerberg, HCI J7
 «Supramolecular Strategies to Control Key Parameters of Transi-
 tion Metal Catalysts»
 LOC Monday Colloquium

Prof. Aiko Fukazawa, Kyoto University, Japan
 25.11.2019, 16.00h, ETH Hönggerberg, HCI J7
 «Exploring Nonbenzenoid π -Conjugated Compounds for Func-
 tional Materials»
 LOC Monday Colloquium

Laboratory of Physical Chemistry (LPC), Hönggerberg
<https://chab.ethz.ch/>

Prof. Paul Walton, University of York, Dep. of Chemistry, UK
 04.11.2019, 17.15h, ETH Hönggerberg
 «Spectroscopy and Structures of LPMOs: Copper Oxygenases that
 Oxidize Cellulose»
 Kolloquium für Physikalische Chemie

Prof. Klaus Liedl, University of Innsbruck, Austria
 05.11.2019, 16.45h, ETH Hönggerberg, HCI J3
 «Antibodies – Nano- to Millisecond-Dynamics and Design Im-
 plications»
 Kolloquium für Physikalische Chemie

Prof. Fred Manby, University of Bristol, Centre for Computational
 Chemistry, UK
 19.11.2019, 16.45h, ETH Hönggerberg HCI J3
 «Structure and efficiency in bacterial photosynthetic light-harvest-
 ing»
 Kolloquium für Physikalische Chemie

University of Zurich
 Department of Chemistry, Irchel Campus,
<http://chem.uzh.ch>



Prof. Tatjana Parac-Vogt, KU Leuven, Belgium
 12.11.2019, 17.00h, Lecture Hall Y03-G-95
 «Interplay Between Metal-Oxo Clusters and Proteins: From Arti-
 ficial Enzymes to Novel Bio-Materials»

Prof. Paul R. McGonigal, Durham University, UK
 19.11.2019, 17.00h, Lecture Hall Y03-G-95
 «The Dynamic Stereochemistry of Fluxional Carbon Cages»

Prof. Thomas Bürgi, University of Geneva
 26.11.2019, 17.00h, Lecture Hall Y03-G-95
 «Thiolate-Protected Metal Clusters: Chirality and Dynamic Na-
 ture»

FURTHER EDUCATION IN CHEMICAL ANALYSIS

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

- Special techniques
- Quality assurance
- Spectroscopy
- Separation technology

Contact:
 Weiterbildung SCG/DAS
 c/o Eawag
 Überlandstrasse 133
 CH-8600 Dübendorf
 Tel.: +41 58 765 52 00
 Fax: +41 58 765 58 01
 E-Mail: kurse@scg.ch



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

Weiterbildung der SCG/DAS
 Frau Esther Wolff
 c/o Eawag, 8600 Dübendorf
 +41 -58 765 52 00, infodas@eawag.ch