



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
www.hotelalphubel.ch

Invited Speakers:

Prof. Paul Dyson, EPFL Lausanne
Prof. Viktor Mougél, ETH Zurich
Prof. Christof Sparr, University of Basel
Dr. Daniel Seeliger, Boehringer Ingelheim
Dr. Jean-Baptiste Langlois, Novartis
Dr. Maud Reiter, Firmenich
Dr. Richard Smith, Verlag VHCA (Helvetica)

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 served basis.

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

Deadlines

13.12.2019: Participant registration and abstract submission
For late registration possibilities please contact Guido Panzarasa (syca@scg.ch)
09.01.2020: Notification of acceptance
16.01.2020: Full program incl. abstracts on the website
24.01.2020: Start of the Swiss Snow Symposium 2020

Contact

Guido Panzarasa, ETH Zurich, Chair
Lu Chen (EPFL Lausanne), Co-Chair
Selina Kaiser, Stephanie Linker (ETH Zurich), Communication
Natalia Yalovenko (EPFL Lausanne), Finances
syca@scg.ch

Website

scg.ch/snows Symposium/2020

2nd Anglo-Swiss Symposium 2020: «Using Chemical Biology to identify new targets for Medicinal Chemistry»



February 4, 2020, 09.20–17.00h,
University of Basel, Pharmazentrum
Lecture Hall 1, Klingelbergstrasse 50.

This one-day symposium co-organised by the Swiss Chemical Society, Division Medicinal Chemistry and Chemical Biology, and the Biological & Medicinal Chemistry Sector of the Royal Society of Chemistry, is dedicated to “Using

Chemical Biology to identify new targets for Medicinal Chemistry”.

Illustrating the role of chemical biology in the identification and validation of novel targets for medicinal chemistry will be of high interest to students in chemistry, pharmacy, biology, and to the medicinal chemistry and chemical biology community at large. The target audience is therefore composed of scientists from pharmaceutical and biotech industries, as well as colleagues from academia.

Program

- 08.30 Registration
- 09.20 Welcome and introduction
- 09.30 Dominic Hoepfner, Novartis, CH
«Fishing for Compound Targets using Bar-Coded Deletion Collections»
- 10.05 Yimon Aye, EPFL Lausanne, CH
«Within our Control? Leveraging Precision Electrophile Signaling Toward Drug Discovery»
- 10.40 Coffee break
- 11.10 Maja Köhn, University of Freiburg, D
«Specific Modulators of Protein Phosphatase-1 and their Application in Heart Failure»
- 11.45 Kristian Strømgaard, University of Copenhagen, DK
«Targeting Protein-Protein Interactions of Receptor Complexes»
- 12.20 Lunch and poster session
- 13.30 Stephan Sieber, TU Munich, D
«Chemical Tools to Fight Multiresistant Bacteria»
- 14.05 Mark Frigerio, Abzena, UK
«How Medicinal Chemistry is Validating the Promise of ADCs as a Suitable Targeted Therapy, Delivering Successful Clinical Programs»
- 14.40 Coffee break
- 15.10 Filip Roudnický, F. Hoffmann-La Roche, CH
«CRISPR/Cas9 Screening for Novel Target Identification»
- 15.45 Daniel Romo, Baylor University Texas, US
«Pharmacophore-Directed Retrosynthesis’ Applied to Bioactive Natural Product Synthesis and Cellular Target Identification»
- 16.20 Poster prizes and closing remarks
- 16.30 Networking aperitif

A poster session will take place in front of the auditorium during lunch and coffee breaks, with a best poster prize awarded at the end of the symposium.

Participants fees

Free of charge for SCS and RSC Members
CHF 100.00 for Non-members

Deadlines

13.01.2020: Registration and abstract submission for a poster presentation (a maximum of 80 poster will be considered)
29.01.2020: Online registration deadline
04.02.2020: Onsite registration is possible

Contact and Chair of the Symposium

Dr. Cornelia Zumbunn, cornelia.zumbunn@idorsia.com

Website

scg.ch/ass/2020

DIAC Annual Member Meeting 2020 and Visit of Dottikon Exclusive Synthesis AG

31.03.2020, Dottikon Exclusive Synthesis AG, Dottikon Member Assembly of the SCS Division of Industrial & Applied Chemistry and visit of Dottikon Exclusive Synthesis AG, incl. input lecture and round tour to the production site and the labs.
scg.ch/diac

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 Zurich, CH
Dr. Claudio Screpanti, Syngenta, CH
Dr. Bettina Hitzfeld, Federal Office for the Environment (FOEN)

Additional Program Items

SCS General Assembly 2020
Aperitif and networking event

Participants fees

Free of charge for SCS Members. However, registration via the website is mandatory.
CHF 100.00 for Non-members

Deadlines

25.03.2020: Participant registration
03.04.2020: SCS Spring Meeting 2020

Organizing Committee

Prof. Kathrin Fenner, Eawag Dübendorf and University of Zurich Chair of the symposium, kathrin.fenner@eawag.ch
Dr. Imelda Stamp, Syngenta Crop Protection AG
Prof. Tamar Kohn, EPFL Lausanne

Local Organizer

Prof. Dr. Götz Schlotterbeck, FHNW Muttenz

Registration and 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/buergenstock/2020

CHanalysis 2020 6th Meeting of Swiss Analytical Scientists



May 7, 13.00h – May 8, 13.00h, 2020,
Dorint Hotel Beatenberg.

Organized by the Division Analytical
Sciences of the SCS

The goal of this two-day event is to
stimulate a stronger cooperation among
persons working in different areas of ana-
lytical sciences. Scientists from applied
and fundamental research, from indus-

try, education, and regulation are welcome.

Program

Thursday, May 7, 2020

- 13.00 Conference Opening
- 13.05 Detlef Günther, ETH Zurich
«Between Fundamentals and Applications – the Important Role of Analytical Chemistry»
- 13.45 4 Contributed Lectures
- 14.45 Coffee Break
- 15.15 Margit Jeschke, Novartis
«Correlation Analysis of Product Characterization to Clinical Outcomes in Cell and Gene Therapies»
- 15.45 4 Contributed Lectures
- 16.45 Poster session and Aperitif
- 18.30 Dinner
- 21.00 Get-together Party

Friday, May 8, 2020

- 09.00 Diana Coman-Schmid, ETH Zurich
«Network Analysis of Toxicity Pathways»
- 09.30 2 Contributed Lectures
- 10.00 Coffee Break
- 10.30 Lenny Winkel, Eawag
«Analytical Advancements Improve Insights into the Biogeochemical Cycle of Selenium»
- 11.00 4 Contributed Lectures
- 12.15 General Assembly of the Division Analytical Sciences of the Swiss Chemical Society
- 13.00 End of Meeting

Participation Fee (includes meals and accommodation)

Regular fee: CHF 300.00

Students including PhD students: CHF 100.00

Registration

Please register and submit your abstract on the website. Posters covering any topics in analytical sciences are welcome. The organizers will select twelve abstracts for contributed oral presentations.

Due to space limitations, the number of participants is restricted to a maximum of 120 persons. Participation will be on a first come, first served basis.

Deadlines

15.03.2020: Submission of abstracts

08.04.2020: Notification of acceptance

17.04.2020: Registration Deadline

Organizing Committee

Prof. Ernö Pretsch, ETH Zurich

Dr. Marc J.-F. Suter, Eawag Dübendorf

Conference Office and Contact

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c/o Eawag
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Website

scg.ch/chanalysis/2020

Save the date: SCS Seminar 2020/1 Patenting and IP in Life Sciences and Chemistry

June 11–12, 2020, Centre Loewenberg, Murten

A hands-on workshop for PhD students and postdocs

The course consists of a series of lectures on intellectual property protection and patent law, challenges related to intellectual property in an academic environment and in a spin-off company and ethical considerations. Participants will also discover new job opportunities in the field of intellectual property management. Workshops will provide possibilities to gain hands on experiences in the topics described.

Registration

Opens on January 3, 2020.

Chairs

Prof. Heinz Mueller, Clinical Biochemistry, University of Basel & Swiss Federal Institute of Intellectual Property, Bern, Dr. Michale Kock, Dr. Kock Consulting, Swiss and Europe Patent Attorney.

Website

meetings.ls2.ch/patenting-2020

Save the date: Swiss Photochemistry Symposium 2020

June 19, 2020, School of Engineering and Architecture of Fribourg

This one-day symposium is an initiative of the Photochemistry Section of the Swiss Chemical Society to promote the exchange within the photochemistry community in Switzerland and beyond.

The event will comprise scientific contributions from all areas of photochemistry as well as three keynote lectures on the topics of ultrafast spectroscopy, new luminescent metal complexes and solar cells.

The General Assembly of the Section will also take place during the meeting.

Contact and Chair

Dr. Olivier Nicolet, HES-SO, Haute école d'ingénierie et d'architecture (olivier.nicolet@hefr.ch)

NON-SCS CONFERENCES IN SWITZERLAND

ChemMetBio 2020: Chemistry of Metal Ions & Nanoparticles in Biology

17.01.2020, Chemistry Department of University of 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 will be opened to an international audience.
frommgroup.ch/ChemMetBio/

International Symposium on Chemical Biology 2020

22.–24.01.2020, Campus Biotech, Geneva
This major international event that is organized by the NCCR Chemical Biology will bring together leading scientists, comprising two keynote speakers (Prof. Laura Kiessling (MIT) and Prof. Giulio Superti-Furga (CeMM)) and thirteen outstanding speakers who will collectively cover topics around the engineering of proteins and small molecules, chemogenetic and optogenetic technologies for probing molecular and cellular interactions, technologies to probe active molecules in their native environment etc.
The aim of this international event is to learn more about the latest advances in the field of chemical biology and to foster an open and dynamic dialogue amongst the scientists conducting this exciting research.
symposium.nccr-chembio.ch/

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.
sasp20.empa.ch

FEBS3+ LS2 Annual Meeting 2020: «Cells, Molecules & Organisms»

13.–14.02.2020, University of Zurich, Irchel Campus
For the first time in 2020, the LS2 Annual Meeting 2020 will be jointly organized with the German Society for Biochemistry and Molecular Biology (GBM) and the Austrian Association of Molecular Life Sciences and Biotechnology (ÖGMBT). Also for the first time in 2020, a Young Scientists' Satellite will take place at the Campus on the afternoon before the Annual Meeting (February 12, 2020).
Abstract deadline: 8 December 2019
Registration deadline: 12 January 2020
www.annual-meeting.ls2.ch

Symposium on Lab Automation 2020

12.03.2020, HSR Hochschule für Technik Rapperswil
Das Symposium on Lab Automation konzentriert sich auf Neuheiten sowie innovative Entwicklungsansätze für die Laborautomation. Es beinhaltet anwendungsorientierte Fachreferate, eine Ausstellung aktueller Produkte sowie Networkinggelegenheiten

für die Labautomation- und Life-Science-Branche. Das Schwerpunktthema 2020 lautet: «Usability & Connectivity».
www.ilt.hsr.ch/index.php?id=18611&L=86

ContaSed 2020; 2nd International Conference on Contaminated Sediments

15.–17.06.2020, University of Bern, UniS, Bern
Sediments are sources and sinks of contaminants, and play an important role in mediating pollutants across compartments of ecosystems. Following ContaSed2020 will focus on organic and inorganic sediment contaminant classes including emerging contaminants, heavy metals and persistent organic pollutants. Contributions dealing with empirical or modelling studies are invited to the following Sessions:
www.oeschger.unibe.ch/contased2020

SCNAT ETHICS SERIES

An interactive panel discussion with Gianfranco *Pacchioni*, Peter *Gölitz* and local guests.
Title: “What and why do we publish?”

Mon, 27.01.2020 EPFL Lausanne, 15.00h
Location: Montreux Jazz Café EPFL
Host and moderator: Vassily Hatzimanikatis
Local guests: Alain Borel and Béatrice Marselli Fuerer (both EPFL)

Wed, 29.01. 2020 University of Zurich at CMSZH PhD retreat in Alt St. Johann

Thu, 30.01.2020, University of Fribourg, 17.15h
Location: Pavillion Vert
Host and moderator: Fabio Zobi
local guests: Barbara Rothen-Rutishauser, Alke Fink, Florian Marquet, Kim-Long Diep.

More information: chemistry.scnat.ch/ELT

PRIX SCHLÄFLI LECTURE TOUR

Dr. Murielle Delley (Yale University, USA) winner of the Prix Schläfli “Chemistry” 2019
Title: «Surface Structures, Interfacial Reactivity, and the Role of Hydrogen: Heterogeneous Catalysis from Molecular Perspectives»

Mon, 24.02.2020, University of Zurich, 16:00h, Y11 F06
Host: Michal Juricek

Tue, 25.02.2020, ETH Zurich, 17.15, HCI J7
Lecture, Award Ceremony und Apéro
Host: Christophe Copéret

Wed, 26.02.2020, University of Fribourg, 17.15h, Auditorium 0.013
Host: Fabio Zobi

Do 27.2. University of Bern, DCB, 11.00h, Lecture hall S 481
Host: Matthias Arenz

More information: scnat.ch/prixschlaefli

LECTURES JANUARY / FEBRUARY 2020

University of Basel Inorganic and Organic Chemistry

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



Prof. Andrei Yudin, University of Toronto, Canada
21.02.2020, 10.45h, Small lecture room OC, Organic Chemistry
SCS Lectureship

Prof. Mario Ruben, Karlsruhe Institute of Technology, Karlsruhe, Germany
28.02.2020, 10.45h, Small lecture room OC, Organic Chemistry
«Quantum computing with molecules: Isotopologue chemistry»
OC lecture

University of Bern Department of Chemistry and Biochemistry

Freiestrasse 3, 3012 Bern
<http://dcb.unibe.ch>



Dr. Paulina Dominiak, University of Warsaw, Poland
14.02.2020, 11.15h, Hörsaal S379
«Introducing aspherical electron scattering factors to electron diffraction and microscopy»
PhD Programm

University of Geneva
Science II, 30 quai Ernest Ansermet,
1211 Geneva 4
<http://www.unige.ch/sciences/chiorg>



Prof. Anna Hirsch, Helmholtz Zentrum für Infektionsforschung, Saarland, Germany
30.01.2020, 16.30h, Auditoire A-100
«Target-Based Anti-Infective Discovery»

Dr. Orane Guillaume-Gentil, ETH Zurich
03.02.2020, 16.15h

Prof. Paul Beer, University of Oxford, UK
06.02.2020, 16.30h, Lecture theatre A. Pictet A100, Sciences II
«Interlocked Hosts for Anion Recognition and Sensing»

Prof. Andrei Yudin, University of Toronto, Canada
20.02.2020, 16.30h, lecture theatre A. Pictet A100, Sciences II

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



Prof. Birgit Weber, University of Bayreuth, Germany
07.01.2020, 17.15h, Zurich Hönggerberg, HCI J 7
«Molecular Sensors at the Nanoscale – Switchable Luminescence and Synthesis of Nano-Composites»
LAC Lecture Series 2020

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

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GAINING INNOVATION MOMENTUM THROUGH DATA ANALYTICS

Business leaders are exploring how businesses can empower experts and provide the right environment for effective data analytics.

Watch the discussion
jmp.com/innovation



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