SCS Conferences and Symposia

Due to COVID-19 it is uncertain if our events will take place as planned. Please check our website on scg.ch and the respective event websites to get the latest information.

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.

Program

Thursday, June 11, 2020
09.00 Arrival of participants, registration, check-in & coffee
09.45 Opening: Prof. Urs Greber, President LS2 and Dr. Hans Peter Lüthi, Director SCS Foundation
10.00 Patents: what is it all about?
   Introduction & biotechnology related aspects of patenting
   Prof. Heinz Müller, Clinical Biochemistry, University of Basel; Swiss Federal Institute of Intellectual Property, Bern
   Chemistry related aspects of patenting
   Dr. Michael Kock, Dr. Kock consulting, Basel
12.00 Participants’ welcome round
12.30 Lunch
13.30 Protecting IP during commercialization and in a SME
   Dr. Stefan Emler, SmartGene, Zug
14.30 Defend your IP rights & Freedom-to-Operate
15.45 Introduction to workshops «Protect, Profit, Prosper»:
   Patents (Heinz Müller, Christian Moser, Michael Kock)
   Commercialization (Stefan Emler)
   Rights (NN)
16.00 Coffee Break
16.30 Workshops (part I)
   «Protect, Profit, Prosper»
19.00 BBQ dinner on-site
21.00 Free exchange & networking

Friday, June 12, 2020
07.00 Breakfast & from check-out
08.15 Ethical aspects of patenting
   Dr. Anna Deplazes, Institute for Biomedical Ethics and History of Medicine, University of Zurich
09.15 Patenting in Swiss academic institutions
   Dr. Raluca Flükiger, Swiss University Technology Transfer, University of Geneva
10.00 Coffee Break
10.30 Workshops (part II)
   «Protect, Profit, Prosper»
12.30 Lunch
13.30 Presentation of Workshop Results
15.30 Coffee Break
16.00 Hands-on introduction to patent searches
   Prof. Heinz Müller, Clinical Biochemistry, University of Basel; Swiss Federal Institute of Intellectual Property, Bern
16.30 Career opportunities in the patent field
   Prof. Heinz Müller, Dr. Michael Kock
17.00 Closure and departure

Registration
Online via website. Deadline: May 15, 2020

Participation Fee
CHF 400.00
course registration, attendance & material catering (incl. BBQ) during the entire course time
accommodation at Centre Loewenberg for one night.

Chairs

Website and Registration
meetings.ls2.ch/patenting-2020

Swiss Photochemistry Symposium 2020

June 19, 2020, 10.00–17.00h, 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.
Program Monday, August 17, 2020

09.30 Registration and Welcome Coffee
10.00 Prof. Jean-Louis Reymond, University of Bern, CH
   «The peptide chemical space as tool for discovery and optimization»
10.30 Dr. Hans Melo, Menten Biotechnology Labs, CAN
   «Designing peptides on a quantum computer»
11.00 Coffee Break

11.30 Dr. Dominic Höpfner & Dr. Jürg Hunziker, Novartis Pharma AG, CH
   «Target Fishing with peptide natural products by chemogenomics»
12.00 Prof. Ali Tavassoli, University of Southampton, UK
   «Platforms for the generation and high-throughput screening of Microcycle libraries for inhibitors protein-protein interactions»
12.30 Lunch break, Exhibition, Poster Session and Networking

Program Tuesday, August 18, 2020

10.00 Dr. Simone Schadt, F. Hoffmann-La Roche AG, CH
   «Biotransformation of peptide drugs»
10.30 Dr. Armin Bauer, Sanofi-Aventis Deutschland GmbH
   «Synthesis and optimization of non-ribosomal peptide antibiotics»
11.00 Coffee Break
11.30 Prof. Stephan Urban, University of Heidelberg, GER
   «Can a peptide cure chronically infected Hepatitis B and D patients? Recent clinical results on Myrcludex B/ buleviride»
12.00 Dr. Mike Pennington, AmbioPharm, USA
   «Cell penetrating plant peptide targets Kv1.3 and inhibits effector memory T-cells»
12.30 Lunch break, Exhibition, Poster Session, Networking
14.00 Dr. Theodosia Maina-Nock, Molecular Radiopharmacy, NCSR Demokritos, Greece
   «Radiolabeled bombesin and gastrin analogs in cancer theranostics: Developments at NCSR "Demokritos"»
14.30 Dr. Christiane Smerling, 3B Pharmaceuticals GmbH, GER
15.00 Coffee Break
15.30 Michael Wagner, Sanofi-Aventis Deutschland GmbH, Germany
   «Chemical Probes for the Discovery and Development of Peptide Therapeutics»
16.00 Dr. Joel P. Schneider, National Cancer Institute, USA
   «Peptide-based materials for miRNA delivery and the treatment of mesothelioma»
16.30 Dr. Christian Schwarz, NUMAPHERM GmbH, GER
   «Costefficient and scalable manufacture of Liraglutide with a biotech/chemical hybrid approach»
17.00 End of the Peptide Therapeutics Forum 2020
SCS Fall Meeting 2020

August 24–25, 2020
University of Bern, vonRoll Campus
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.

Program Monday, August 24, 2020
12.00 Registration
13.00 Opening of the Fall Meeting 2020
13.05 **Helvetica Session**
Prof. Schott Denmark, University of Illinois, USA (Paracelsus Lecture 2020)
13.45 Prof. Odile Eisenstein, Université de Montpellier, FRA
14.30 Break
14.45 **Future Leaders on Stage** (Postdoc sessions)
Four parallel sessions:
– Organic Chemistry/Natural Products
– MedChem & ChemBio
– Inorganic Chemistry/Catalysis
– Physical Chemistry/Theoretical Chemistry
16.30 **Future Corporations on Stage** (Start-up session)
Two parallel sessions:
– Medicinal Chemistry/Life Sciences
– Chemistry/Material Sciences/Technologies
18.00 **Evening Plenary Session**
Helvetica Prize of the Swiss Chemical Society 2020
Dr. Hasane Ratni, Roche (Senior Industrial Science Award Lecture 1)
18.45 Beer & Brezel / Poster Sessions
21.00 End of Day 1

Program Tuesday, August 25, 2020
08.30 Registration / Coffee
09.30 **Morning Plenary Session**
Welcome
10.45 Prof. Konrad Tiefenbacher, University of Basel / ETH Zurich (Werner Lecture 2020)
10.15 ipataserTib Team at F. Hoffmann-La Roche (Sandmeyer Award Lecture 2020)
10.45 Break
11.00 **9 Parallel Sessions** (1 invited lecture, 5 short talks)
– Analytical Sciences
– Catalysis Science & Engineering
– Chemistry and the Environment
– Computational Chemistry
– Inorganic & Coordination Chemistry
– Medicinal Chemistry & Chemical Biology
– Organic Chemistry
– Physical Chemistry
– Polymers, Colloids & Interfaces
12.45 **Poster Sessions** (9 sessions, about 450 posters)
Lunch
14.45 **9 Parallel Sessions** (1 invited lecture, 5 short talks)
16.30 Break
16.45 **Evening Plenary Session**
Dr. Denis Jacoby, Firmenich (Industrial Science Award Lecture)
17.15 Dr. Frank Petersen, Novartis (Senior Industrial Science Award Lecture 2)
17.45 Ceremony Best Oral / Poster Presentation Awards
Sponsored by Metrohm and DSM
18.15 End of Fall Meeting 2020
19.00 Swiss Chemistry Science Night 2020, Kursaal Bern

New Session of Chemistry and the Environment: We welcome abstracts from scientists and engineers engaged in all research areas related to chemical processes that (bio)molecules undergo in the environment and their impact on the environment. This includes atmospheric, aquatic and soil chemistry, and the effect of molecules on living organisms.

Call for Abstracts
Abstract submission is open until May 24, 2020. Applications for Future Leaders on Stage presentations, short talks and posters are welcome. Please submit your abstract after the registration process via the web form.

Participation fees
SCS Members: free of charge
Non-members, poster or oral contribution, two-day pass:
– Poster or oral contribution, two-day pass: CHF 250
– no contribution, two-day pass: CHF 100

Website and Registration
scg.ch/fallmeeting/2020

Future of Chemical Education ChemEdu 2020: 1st Year Chemistry Education at the (Swiss) Universities

August 24, 2020, 09.30–18.00h, University of Bern / PH Bern, vonRoll Campus
Within the framework of the Fall Meeting of the Swiss Chemical Society the Division of Chemical Education organises a symposium for those involved in teaching chemistry at different levels such as Sek I, Sek II, Universities of Applied Sciences (FH) and universities. The major objective of this symposium are the challenges related to teaching chemistry in the first year of the studies at the university. Professors and teachers from all Swiss universities and also external speakers will share their view, experience, strategies and solutions gained and developed while dealing with the chemistry courses for a large body of students, who just recently left the high schools and commenced their studies at the university.

Program, Monday August 24, 2020
08.30 Registration, Coffee
09.00 Welcome
09.10 Prof. Ingo Krossing – University of Freiburg
Swiss Summer School: Trends in Organic Synthesis

August 30 – September 3, 2020, Eurotel Victoria, Villars-sur-Ollon
The Swiss Summer Schools, also referred to as Villars Summer Schools, are one-week out-of-town course/conference-type events for MSc, PhD and postdoctoral students with a focus on selected topics. They offer a platform for the active scientific exchange between students and lecturers, and between the participants themselves. The students are expected to actively be involved by presenting a poster or a short communication on their research.

Researchers from industry as well as students from abroad are most welcome to participate.

There will be a series of special lectures presented by researchers from industry. After the lecture, and throughout the evening, the lecturers will be available for discussion with the participants. The Villars Summers Schools have a long tradition and date back to the séminaires du 3ième cycle of the 1960ies. Until recently, they were organized by a consortium of universities (Bern, Fribourg, Neuchâtel, Genève, and the EPFL; later joined by the University of Zurich) and are now held as a national event organized by the Swiss Chemical Society as part of its SCS Seminar Series.

Lecturers
Prof. Robert H. Grubbs, Caltech
Prof. Christophe Copéret, ETH Zurich
Prof. Josep Cornella, Max-Planck-Institute for Kohlenforschung
Prof. Eva Hevia, University of Bern
Prof. Anat Milo, Ben Gurion University
Prof. Todd Hyster, Princeton University
Dr. Teodoro Laino, IBM Zurich Research Laboratory
Dr. Edouard Godineau, Syngenta Crop Protection AG
Dr. Thomas Carl, Siegfried AG
Dr. Markus Fischer, Merck Group (Sigma-Aldrich Production GmbH)
Dr. Audrey Langlois, Novartis

Registration Fees

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Scientific Committee and Chairs
Prof. Bill Morandi, ETH Zurich
Prof. Jérôme Waser, EPFL Lausanne

Seminar Director
Dr. Hans Peter Lüthi, SCS Foundation

Website and Registration
scg.ch/scs-seminars/2020-2

14. Swiss Course on Medicinal Chemistry, SCMC’20

October 4–9, 2020, Alpine Classic Hotel, www.classic-hotel.ch, Leysin, Switzerland

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.

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.

Lecturers
Dr. Robert Copeland, Accent Therapeutics
Dr. Sabine Hadida, Vertex Pharmaceuticals
Prof. Gerhard Klebe, Universisty of Marburg
Dr. Nicholas A. Meanwell, Bristol-Myers Squibb
Dr. Andrew Mortlock, AstraZeneca
Dr. Mark Murcko, Dewpoint Therapeutics
Dr. Andy Phillips, C4 Therapeutics
Prof. Peter Tonge, Stony Brook University, New York

Registration Fees
Fee for the entire course including hotel accommodation, meals, handouts, excursion and course dinner.

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<th>SCS Members</th>
<th>Non-Members</th>
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<td>Regular participants</td>
<td>CHF 3’000</td>
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<td>PostDocs from University*</td>
<td>CHF 2’000</td>
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<td>PhD students*</td>
<td>CHF 750</td>
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Co-Chairmen
Dr. Gerhard Müller, Gotham Therapeutics
Prof. Dr. Beat Ernst, University of Basel

Contact and Conference Office
Dr. Kasia Borsuk, scmc@scg.ch

Website and Registration
scg.ch/scmc/2020

ILMAC Lausanne 2020

October 7–8, 2020, Expo Beaulieu Lausanne, Hall 7, Avenue des Bergières 10, 1004, Lausanne, Switzerland.

Topic of the 2020 edition: «Lab Technologies and Self-Learning Systems». For the 3rd time ILMAC is providing the chemical and life science community with this platform in Lausanne on 7 and 8 October 2020 and thus also supports the French-speaking Swiss market. In a relaxed and convivial atmosphere, the latest knowledge is to be imparted at this event, coupled with an exhibition of high-quality product offerings.

3rd Swiss Industrial Chemistry Symposium (SICS’20)

October 30, 2020, University of Basel, Department of Chemistry, St. Johanns-Ring 19, 4056, Basel

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 academia (80%) will stimulate the interaction.

Program Items
7 Invited Lectures (30min)
6 Short talks (12min)
Poster Session (max 50 posters)
Aperitif and Commercial Exhibition

Website
scg.ch/sics/2020

NON-SCS CONFERENCES IN SWITZERLAND

Biointerfaces International 2020 incl. Science and Translation Sessions
25.–27.08.2020, University of Zurich, City Campus, Zurich

Biological surfaces and interfaces: where synthetic materials and biological systems interact with and engage each other - one of the most innovative and expanding areas of science and technology over the last two decades. Biointerfaces International 2020 Conference follows a special format: Programming aims to build bridges across relevant application areas, between science engineering, innovation technology, industry and academic partners and between senior scientists early-career researchers. Both internationally highly renowned and young scientists from academia, industry and clinics present their latest, often unpublished scientific findings and technological breakthroughs to a diverse audience.

biointerfaces.ch/international/2020

molQuest Conference 2020
13.–17.09.2020, Congressi Stefano Franscini (CSF), Ascona, Monte Verità

« Quantum Science Emerging from Atoms and Molecules at Surfaces » builds upon breakthroughs in the art of making atomic and molecular architectures. Electronic and nuclear quantum states can now be manipulated at the single atomic level in a controlled surface environment by using either local probes or global electric and magnetic fields. This conference, as a continuation of the ones of 2014 and 2017, will address the use of quantum and spin states in atoms and molecules at surfaces for sensing, information storage, and information processing (logic) devices.
molquest.ch

1st World Sustainability Week and 8th World Sustainability Forum (WSF2020)
14.–19.09.2020, International Conference Centre Geneva

WSP2020 is an international scientific conference coordinated by the MDPI Sustainability Foundation, under the patronage of the University of Basel, University of Geneva, UN Sustainable Development Solutions Network (UN SDSN). With this event, our quest is to conceive of ways to assure long-term sustainable development for our people, our planet, as well as societal and corporate profit.

wsp-8.sciforum.net

Organic Process Research & Development Conference 2020
21.–23.09.2020, Hyperion Hotel, Basel

The efficient conversion of a chemical process into a process for manufacture on tonnage scale has always been of importance in the chemical and pharmaceutical industries. However, in the current economic and regulatory climate, it has become increasingly vital and challenging to do so efficiently. At Organic Process Research Development Conference, you will hear detailed presentations and case studies from top international chemists. Our hand-picked programme of speakers has been put together specifically for an industrial audience. They will discuss the latest issues relating to synthetic route design, development and optimisation in the pharmaceutical, fine chemical and allied fields.
scientificupdate.com/conference_events/organic-process-research-and-development-basel/20200921/
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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E-Mail: kurse@scg.ch

SCS LECTURESHIPS

Due to COVID-19 all SCS Lectureship tours until the summer break are cancelled.

The SCS Lectureship tours are financially supported by:

LECTURES MAY 2020

Due to COVID-19 all Lectures at Swiss Universities are cancelled.