



Events

Congresses, Symposia, Lectures, Education Courses

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

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

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

- 10.00 Registration and welcome coffee
 10.30 Session 1
 Prof. Peter Vöhringer, University of Bonn, Germany
 «Photochemical dynamics of transition metal complexes from time-resolved infrared-to-visible spectroscopies»
 4 contributed talks
 12.00 Lunch
 13.00 PCS General Assembly 2020
 13.30 Session 2
 Prof. Luisa De Cola, University of Strasbourg
 2 contributed talks
 14.30 Poster session & coffee
 15.45 Session 3
 Prof. Kristopher McNeill, ETH Zurich, Switzerland
 «Studying aquatic photochemistry with laser spectroscopy and molecular probes»
 3 contributed talks
 17.00 Poster awards

Participation Fees (includes meals and accommodation)

Members of the SCS Photochemistry Section or the European Photochemistry Association (EPA): CHF 80.00
 Non-Members: CHF 100.00

Scientific Committee

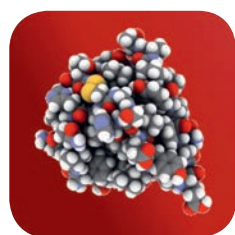
Prof. Olivier Nicolet, HES-SO/HEIA-FR (Chair)
 Dr. Tatu Kumpulainen, University of Geneva
 Prof. Oliver Wenger, University of Basel
 Dr. Silvio Canonica, Eawag, Dübendorf
 Dr. Kurt Dietliker, ETHZ, Zurich

Contact and Chair

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

Website and Registration

scg.ch/pcs/2020

Peptide Therapeutics Forum 2020

August 17–18, 2020
 Universitätsspital Basel, Zentrum für Lehre und Forschung, Basel
 The event provides an innovative platform to exchange on the various aspects of drug development with a focus on peptides. Similar to previous events in the framework of Basel Life, presentations highlight important new insights

regarding the drug discovery of peptides including examples for successful development candidates. This forum should disseminate information on latest news in the broad field of therapeutic peptides and enable networking of interested parties from academia and industries.

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
 14.00 Plenary Lecture
 Prof. Fernando Albericio, University of Kwazulu-Natal, South Africa
 «Peptide conjugation, a new avenue in drug discovery»
 15.00 Coffee Break
 15.30 Speaker tbd
 16.00 Prof. Annette Beck-Sickinger, University of Leipzig, GER
 «G protein coupled peptide receptors – State of the art and innovative therapeutic concepts»
 16.30 Dr. P. G. Sasi Kumar, Aurigene Discovery Technologies Ltd, India
 «Discovery of peptide inspired orally bioavailable drugs for cancer immunotherapy»
 17.00 End of Day 1

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/bulevirtide»
 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

Organizing Committee

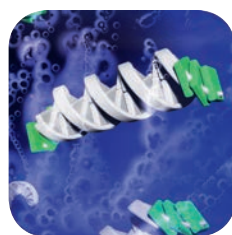
Prof. Melpomeni Fani, University of Basel, Clinic of Radiology and Nuclear Medicine
 Prof. Roderich Süßmuth, Technische Universität Berlin
 Dr. Thomas Vorherr, Novartis Institutes for BioMedical Research, Basel

Participant fees (two-day pass)

SCS Members and students: CHF 100
 Non-members: CHF 250

Website and Registration

scg.ch/ptf/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:
 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

- «The first academic year BSc chemistry at the University of Freiburg: A report from general and inorganic chemistry»
- 09.45 Prof. Stefan Matile – University of Geneva
«Organic Chemistry for First-Year Med Students: Addressing the «Grand Public»
- 10.20 Coffee Break
- 10.45 Prof. Roland Sigel – University of Zurich
- 11.20 Prof. Martin Albrecht – University of Bern
- 11.55 Balmer-Prize: Dr. Hans-Ueli Ehrensperger
- 12.20 Lunch
- 13.15 Prof. Simon Lancaster – University of East Anglia
- 14.00 Prof. Katharina Fromm – University of Fribourg
«General Chemistry: large classes, mixed public, three languages»
- 14.35 Prof. Michael Nash – University of Basel
- 15.10 Pearson Education
- 15.45 Coffee break
- 16.10 Prof. Bruno Therrien – University of Neuchatel
«Chemistry 101 to 202 <Scientific> Students: A Teaching Challenge»
- 16.45 Carlo Thilgen – ETH Zurich
- 17.20 Podium discussion
- 17.55 Closing word
- 18.00 Apéro riche

Participant fees

SCS Member CHF 80.00
Non-Members CHF 120.00

Chair and Contact

Dr. Jan Cvengros, ETH Zurich

Website and Registration

scg.ch/chemedu/2020

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 3^{ème} 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, Caltec
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

	SCS Members	Non-Members
Students/Academics	CHF 650	CHF 850
Other participants	CHF 950	CHF 1'150
Single room accommodation:	+CHF 100	+CHF 100

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, University 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.

	SCS Members	Non-Members
Regular participants	CHF 3'000	CHF 3'400
PostDocs from University*	CHF 2'000	CHF 2'300
PhD students*	CHF 750	CHF 950

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.

ilmac.ch/lausanne

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 academy (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
 WSF2020 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.
wsf-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/

TEDD Annual Meeting 2020

21.–22.10.2020, Zurich University of Applied Science (ZHAW)

Campus Grüental, Wädenswil

TEDD Annual Meeting brings together experts from diverse fields with a shared interest in advanced 3D models. Join us for this meeting to celebrate another fruitful collaboration year with the new perspectives ahead.

Celebrate 10 years of TEDD network!

zhaw.ch/de/lsvm

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.

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

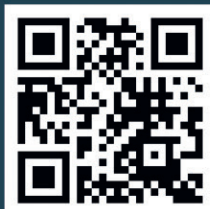
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GAINING INNOVATION MOMENTUM THROUGH DATA ANALYTICS

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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