



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

SCS Seminar on Intellectual Property (IP) 2022 – Hands-on Workshop for Scientists in Life Sciences

November 7–8, 2022, Gerzensee



The SCS Seminar on Intellectual Property (IP) 2022 targets researchers, technology transfer managers, and others which are required to deal with chemistry and life science related intellectual property, in particular patents. The goal of the course is to enhance participants' capabilities to assess and manage patent related novelty, inventive step, and freedom-to-operate risks. Some basic

knowledge about IP will be beneficial for this hands-on workshop.

The two days will also provide a platform to exchange practical experience on IP management and form a network that can be actively used also after the seminar.

Participants will learn about:

- Fundamentals about chemistry/life science IP, in particular patents, in an international context for both chemistry and biotech related inventions
- Practical guidance how to develop an IP protection strategy including designing patent claims
- Practical guidance how to conduct patent searches for both patentability and freedom-to-operate questions including assessment and management of freedom-to-operate related risks.

Registration Deadlines and Fees

Oct 14, 2022, regular registration

CHF 950.00

Interested? Send a mail to info@scg.ch and ask for late registration possibilities.

Experts and Organizers:

Prof. Heinz Müller, Dixit Translations LLC

Dr. Michael Kock, Dr. Kock Consulting

Website

ipsem22.scg.ch

From Lab to Production – Insights into Process Chemistry 2022/2



November 10, 2022, 16.00h, University of Basel, Department of Chemistry, small lecture hall OC

The event series with 1–2 events per year at Swiss universities enables students and PhDs to get an insight into process chemistry. Besides teaching the basics, an illustrative example from industry is discussed.

Goals of the Event

- Understand the challenges in process chemistry and recognize the differences between laboratory work and chemical production.
- Get in contact with process chemists from industry and expand its own network.

Program

16.00 Welcome

16.10 Insights into process chemistry

16.30 Case study from industry

17.00 Aperitif

Program Directors

- Stefan Hildbrand, F. Hoffmann-La Roche AG
- Urs Brändli, Dottikon Exclusive Synthesis AG
- Maurus Marty, DSM Nutritional Products Ltd.
- Niklaus Künzle, Lonza AG

Registration

No registration is needed and the event is free of charge (sponsored by the SCS Division of Industrial & Applied Chemistry (DIAC)).

Website

scg.ch/process-chemistry22-2

19th Swiss Snow Symposium 2023



January 20–22, 2023, Saas Almagell

The Swiss Snow Symposium 2023 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 guarantee a unique experience

of science and fun.

Confirmed Speakers:

Prof. Paola Luciani, University of Bern

Prof. Máté Bezdek, ETH Zurich

Prof. Philippe Schwaller, EPFL Lausanne

Dr. Leslie Anne Fendt, F. Hoffmann-La Roche Ltd.

Dr. Felix Flachsmann, Givaudan SA

Prof. Margit Schikowski, PSI Villigen

Prof. Michal Juriček, University of Zurich

Prof. Cristina Nevado, University of Zurich

Organizers:

Marie Perrin, ETH Zurich / President of youngSCS

Lluc Farrera Soler, EPFL Lausanne

Marie-Désirée Scheidt, University of Neuchâtel

Website

sss23.scg.ch

4th Swiss Industrial Chemistry Symposium, SICS 2023



January 27, 2023, University of Basel
The SICS is a one-day symposium with lectures, short talks and offers a unique platform for industrial scientists, working in research and process research, to present their latest results. The event will be completed with a poster session in which PhD students can also participate.

Program

- 08.30 Welcome coffee
09.00 Opening of the Symposium
09.15 Helmars Smits and Paul Burton, Syngenta Crop Protection AG
Process Research and Development of a Novel Herbicide Candidate
09.45 Valerie Runtz-Schmitt, F. Hofmann-La Roche AG
New Therapeutic Opportunities for Subtype Selective GABA-A Modulators"
10.15 Coffee break
10.45 Florent Heroguel, Bloom
A journey Towards Fossil-free World Using Controlled Chemical Biomass Transformation
11.00 Cara Brocklehurst, Novartis Pharma AG
MicroCycle: a machine learning driven, automated and integrated platform for drug discovery
11.15 Jean-Francois Basset, Firmenich SA
From Pine to Perfume
11.45 Achim Link, Solvias AG
Earth-Abundant Transition Metals in Catalysis
12.00 Benedikt Wanner, Symple
Accelerating Discovery with Automated Capsule Chemistry
12.15 Lunch Break, Poster Session, Commercial Exhibiton
14.00 Rüdiger Haug, Bachem AG
Innovative Oligonucleotide Production at Bachem
14.30 Simon Wagschal, Cilag AG (Johnson & Johnson)
Chemical Development of Adafosbuvi
15.00 Bernhard Fasching, Monte Rosa Therapeutics "tbd."
15.15 Coffee break
15.45 Gabriel Schäfer, Idorsia Pharmaceuticals Ltd.
Development of a Stereoselective Route for CXCR7 Antagonist ACT-1004-1239
16.15 Lucie Lovelle and Robert Pulz, Novartis Pharma AG
Discovery and Development of Remibrutinib
16.45 Ceremony of the Prize for the Best Posters and 3x2min elevator talks by the winners.
17.00 Aperitif

Deadlines

- Submission deadline for poster abstracts Nov 15, 2022
Registration deadline Jan 15, 2023

Registration and Fees

- SCS members free of charge
Non-SCS members CHF 100.00
Registration is mandatory and the maximum participant capacity is 280.

Chair of the Organizing Committee and Local Organizer

Dr. Thomas Heinz, Novartis Pharma AG
Prof. Olivier Baudoin, University of Basel

Website

sics23.scg.ch

EuChemS Historical Landmark Award 2021 «Chemistry of the Atmosphere»



February 16, 2023, University of Bern, Department for Chemistry, Chemical Biology and Pharmaceutical Sciences
The symposia takes place in the framework of the European Historical Landmark Award 2021 that was given to the Jungfrauoch High Altitude Research Station, Switzerland. The Swiss Chemical Society as well as the International

Foundation 'High Altitude Research Stations Jungfrauoch and Gornergrat' and its partners are very proud to have received this prestigious award and look forward to sharing with you the activities related to the award ceremony.

Award Nomination

The Jungfrauoch High Altitude Research Station, Switzerland, was awarded the EuChemS Historical Landmark Award in recognition of the pioneering work and exceptional «liaison réussie» between the research group of Prof. Marcel Migeotte (1912–1992) with collaborators from the University of Liège, Belgium, and the International Foundation of the High Altitude Research Stations Jungfrauoch and Gornergrat (HFSJG), Switzerland. History was made at this alpine site in terms of the first fundamental measurements and early identification of harmful atmospheric constituents, such as anthropogenic greenhouse gases, and evidence of how their presence in our atmosphere has changed over the last 70 years. Our current understanding of atmospheric chemistry and physics in the context of Earth's climate system would not be possible without the visionary approach of asking the right questions, developing cutting-edge instrumentation and forging strong coalitions at a seminal time for atmospheric chemistry.

Organizing Committee

Prof. Markus Leuenberger, Physikalisches Institut, UniBE, CH
Dr. Emmanuel Mahieu, Université de Liège, Institut d'Astrophysic et de Géophysics, Belgium
Prof. Urs Baltensperger, Paul Scherrer Institute, Villigen, CH

Chairs and local Hosts

Prof. Silvio Decurtins, Department of Chemistry, Chemical Biology and Pharmaceutical Sciences, University of Bern
Prof. Markus Leuenberger, Physics Institute, University of Bern

Website: ehla23.scg.ch

CHanalysis 2023



March 30–31, 2023, Dorint Resort Blüemlisalp, Beatenberg

The goal of this two-day conference series is to stimulate a stronger interaction among persons working in different areas of analytical sciences. Scientists from applied and fundamental research, from industry, education, and regulation are welcome.

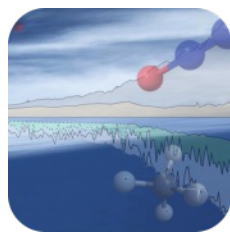
Organizing Committee

Dr. Davide Bleiner, Empa
Prof. Stefan Schürch, University of Bern

Website

cha23.scg.ch

SCS Spring Meeting 2023: «Chemistry and Physics of the Atmosphere»



April 14, 2023, Irchel Campus, University of Zurich

The Swiss Chemical Society Spring Meeting is a one day symposium and provides a high quality program with national and international speakers of a certain topic. The topic of the 2023 symposium is «Chemistry and Physics of the Atmosphere».

Chair

Prof. Roger Alberto, University of Zurich

Website

sm23.scg.ch

SCS General Assembly 2023

The Board of the SCS invites all members to join the SCS General Assembly 2023 at Irchel Campus, University of Zurich, on April 14, 2022 during lunch time. The agenda and all formal documents will be published on the website in Q1/2023.

SCS Seminar on Digital Chemistry 2023



April 16–20, 2023, Eurotel Victoria, Les Diablerets. In recent years, we have seen an active shift towards data-driven decision making in chemistry with the goal of accelerating drug, crop protection, and materials discovery. The approach's power is demonstrated by data-driven solutions that led to breakthroughs in synthesis prediction, protein structure

prediction, and generative chemistry. The approach's power is demonstrated by data-driven solutions that led to breakthroughs in synthesis prediction, protein structure prediction, and generative chemistry. The rapid progress in this area of research is being driven by a growing open-source community and trans-disciplinary collaboration in the fields of cheminformatics, machine learning, and molecular modeling. In this Summer School, in addition to reviewing the fundamental concepts of machine learning, cheminformatics, and molecular modeling, we will introduce, in hands-on sessions, the essential ingredients for a quicker adoption of data-driven solutions and more effective collaboration. The hands-on sessions will focus both on the application of existing open-source toolkits and the acquisition of skills for the development of new technologies. The emphasis will be on applications for drug and crop protection discovery.

Website

aisem23.scg.ch

16. Freiburger Symposium 2023



April 27, 2023, School of Engineering and Architecture of Fribourg HEIA-FR. The objective of this biennial conference is to regularly provide our members and other interested chemists working in process development and production with opportunities for professional training and networking.

This year's topic: «From Lab to Industrial Application – Trends/Innovation in Process Chemistry & Technology».

Organizers

Ing. ETH Urban Jenelten (Chair), Firmenich SA
Dr. Roger Marti (Co-Chair and local organizer), School of Engineering and Architecture of Fribourg

Website

fs23.scg.ch

ADDITIONAL CONFERENCES IN SWITZERLAND AND ONLINE EVENTS

Microplastics 2022

November 6–11, 2022, Monte Verita, Ascona

The event will explore how synthetic polymers and plastics are currently used, how waste is managed, and how these materials will enter into and affect natural and engineered ecosystems. We will address the concerns related to the effects of increased plastics usage in terms of the sources, fluxes and accumulation of nano- and microplastics.

Key Topics

- Synthetic polymers and microplastics: innovation vs. risks
- Sources and fluxes
- Developments and Challenges of Analytical and Sampling Methodologies
- Freshwater systems
- Terrestrial and agricultural systems
- Plastics across ecosystem boundaries
- Interaction with biota and humans

microplastics2022.ch

International Symposium on Chemical Biology (ISCB) 2022

November 8–10, 2022, Campus Biotech, Geneva

This biennial event is organized by the NCCR Chemical Biology. The OC wish to expose delegates to new areas of research and allow for the cross pollination of ideas. New international collaborations and increased international visibility will hopefully be the outcome of this unique learning experience that comprises extensive poster sessions, ample time for discussion after each talk and opportunities for targeted networking.

symposium.nccr-chembio.ch

BioTechX 2022

November 8, 2022, Basel

BioTechX is Europe's largest congress covering diagnostics, precision medicine and digital transformation in pharmaceutical development and healthcare. BioTechX successfully brings together an amalgamation of genomics, translational medicine, data scientists, IT, bioinformaticians, cheminformaticians, clinicians, healthcare and pharma companies. The event will showcase innovation, demonstrate success and break through the obstacles and barriers to ensure that the innovations in genomics and big data, enter the clinic with speed and efficiency.

Join us and be part of the story in 2022 with 400 speakers and 2,000+ attendees.

terrapinn.com/conference/biotechx/index.stm

ANAKON 2023

April 11, 2023 – 09.00, Wien (Austria)

As the most important joint conference of German, Austrian and Swiss analytical chemistry, ANAKON 2023 offers the oppor-

tunity for scientific exchange between analysts from the German-speaking region - but also beyond.

anakon2023.at/welcome

Operando VII – the 7th International Congress on Operando Spectroscopy

May 7, 2023 – 12.00, Sunstar Hotel Grindelwald

The main objective of this congress is to bring researchers together to discuss the progress of operando methodologies, i.e. characterization of functional materials in their working state.

indico.psi.ch/event/8358/

Future Labs LIVE 2023

May 30, 2023 – 08.00, Congress Center Basel

This is the world's most diverse, stimulating, and exciting event for the future of all labs. Start-ups and disruptors will meet lab heads and lab techs, together with the tech & practice innovators.

terrapinn.com/conference/future-labs-live/index.stm

International Chemistry Olympiad (IChO) 2023

July 16, 2023 – 10.00, ETH Zurich

The International Chemistry Olympiad (IChO) is an annual competition for the world's most talented chemistry students at the secondary school level. Nations around the world send a team of four students who are tested on their chemistry knowledge and skills in a five-hour laboratory practical exam and a five-hour written theoretical examination.

icho2023.ch

LECTURES NOVEMBER 2022

Prof. Heather J. Kulik, MIT, Department of Chemical Engineering, Cambridge, Massachusetts, USA

01. Nov 2022 – 16:45, ETH Höggerberg

«Molecular design blueprints: materials and catalysts from new simulation and machine learning tools»

Prof. Astrid Bergeat, University of Bordeaux, Bordeaux, France

02. Nov 2022 – 16:30, University of Basel

«Probing Resonances in Near-Threshold Inelastic Collisions»

Prof. Kathrin Lang, ETH Zurich

03. Nov 2022 – 16:30, University of Geneva

«Expanding the genetic code - new chemistries in living systems»

Prof. Joanna Wencel-Delord, University of Strasbourg, France

04. Nov 2022 – 10:45, University of Basel

«Asymmetric C-H activation and unusual hypervalent compounds: towards sustainable synthesis of innovative scaffolds»

Dr. Lukas Palatinus, FZU Institute of the Czech Academy of Sciences, Prague, Czech Republic

08. Nov 2022 – 14:15, University of Basel

«Electron Diffraction (Howard Flack Crystallographic Lecture Series)»

Prof. Dr. Victor Mougél, ETH Zurich

08. Nov 2022 – 16:30, University of Zurich

«Bio-Inspired Small Molecule Activation : A Journey Across Multiple Scales»

Dr. Loren Andreas, Max-Planck-Institut für Multidisziplinäre Naturwissenschaften, Göttingen, Germany

08. Nov 2022, ETH Höggerberg

«Selective recoupling pulse sequences for ultrafast magic-angle spinning NMR and application to membrane proteins»

Prof. Edvardas Narevicius, TU Dortmund, Dortmund, Germany

09. Nov 2022, University of Basel

«Tbd.»

Dr. Jan Schütz, DIAC

10. Nov 2022, University of Basel

«Insights into Process Chemistry AND Case Study from Industry»

Prof. Annette Beck-Sickinger, Leipzig University, Germany

15. Nov 2022, University of Zurich

«Seminar on Biochemistry and Bioorganic Chemistry (title tbd.)»

Prof. Pietro Faccioli, Università di Trento, Povo, Italien

15. Nov 2022, ETH Höggerberg

«A new paradigm for rational drug discovery based on all-atom protein folding simulations»

Prof. Sonja Schmid, Wageningen University, Wageningen, The Netherlands

16. Nov 2022, University of Basel

«Protein Dynamics Across Timescales – Dissecting the Vibrant Nature of Life at the Nanoscale»

Prof. Eric Meggers, Philipps-Universität Marburg, Germany

17. Nov 2022, University of Geneva

«Steering Asymmetric Catalysis with Metal-Centered Chirality»

Prof. Pedro M. P. Gois, Universidade de Lisboa, Portugal

18. Nov 2022, University of Basel

«New Chemistries for Stimuli-Responsive Targeting Drug Conjugates»

Prof. Dr. Mischa Bonn, Max Planck Institute for Polymer Research, Germany

22. Nov 2022, University of Zurich

«A Molecular View of Water Interfaces»

Please visit either the SCS website or the websites of the departments and institutes for the latest announcements and the exact location of the lectures.

scg.ch/lectures