



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

SCS Spring Meeting 2022: Biosupramolecular Chemistry



April 22, 2022, University of Geneva, Department of Chemistry Science II, Auditoire A300

The SCS Spring Meeting is a one-day symposium and provides a high quality program with national and international speakers of a certain topic. The event is held annually and has its origin at the founding meeting of the SCS in 1901.

The topic of the 2022 edition is «Biosupramolecular Chemistry».

Non-covalent interactions are increasingly embraced as a central design principle in research areas beyond host-guest chemistry, the cradles of supramolecular chemistry. The biosupramolecular theme of this spring meeting tributes the roots of supramolecular chemistry and covers the growing reaches of molecular recognition principles from organic, inorganic, analytical and physical chemistry toward chemical biology, systems catalysis, and the materials sciences. The unifying aim being to go from structure to function in dynamic systems that are programmed by reversible interactions and inspired by nature.

Program

- 09.00 Welcome Coffee
 09.15 Welcome and Opening
 09.30 Prof. Chris Hunter, Cambridge University, UK
 «Evolution Engines»
 10.15 Prof. Helma Wennemers, ETH Zurich, CH
 «Synthetic Collagen»
 11.00 Coffee Break
 11.30 Prof. Tanja Weil, MPI Mainz, Ge
 «Supramolecular Biomaterials for Medicinal Applications»
 12.15 Werner Prize Winner 2022
 Prof. Fabian von Rohr, University of Zurich
 12.50 Lunch Break
 13.30 SCS General Assembly 2022
 14.00 Prof. Hanadi Sleiman, McGill University, Canada
 «DNA Nanostructures: Design and Biological Properties»
 14.45 Dr. Andreas Herrmann, Firmenich SA, CH
 «Dynamic Profragrances – Supramolecular Systems to Control the Release of Volatile Compounds»
 15.30 Coffee Break
 16.00 Prof. Wilhelm Huck, Raboud University, NLD
 «Molecular Information Processing Using Complex Chemical Systems»
 16.45 Prof. Dean Toste, University of California Berkeley, US
 «Catalysis in Confined Spaces»

- 17.30 Prof. Don Hilvert, ETH Zurich, CH
 «The Evolution of a Virus-Like Nucleocapsid from a Bacterial Enzyme»
 18.15 End and Aperitif

Organizing Committee

Prof. Nicolas Winssinger, University of Geneva
 Prof. Stefan Matile, University of Geneva
 Prof. Sascha Hoogendoorn, University of Geneva

Registration fees

Participation is free of charge for SCS members.
 Registration fee for non-members: CHF 100.00.

Website and Registration

sm22.scg.ch

SCS Conference on Stereochemistry 2022 (Bürgenstock Conference 2022)



May 1-5, 2022, Hotel Waldstätterhof, Brunnen

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.

Program

According to its long tradition, the 55th Bürgenstock Conference 2022 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.

As the 2020 conference was cancelled and the 2021 was shifted to the virtual room most of the lectures that were previewed for 2020 will be considered for the program 2022.

Organizing Committee

Prof. Christian Bochet, University of Fribourg
 Prof. Cristina Nevado, University of Zurich
 Dr. Fabrice Gallou, Novartis Pharma AG
 Dr. Maud Reiter, Firmenich SA
 Prof. Thomas R. Ward, University of Basel
 Prof. Jérôme Waser, EPFL Lausanne

Website

bc22.scg.ch

CHanalysis 2022



May 19–20, 2022, Dorint Hotel 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.

The symposium is organized on a yearly basis by the Division of Analytical Sciences (DAS) of the SCS. From 2013 to now 5 editions took place at Dorint Hotel Beatenberg. Due to COVID-19 the editions in 2020 and 2021 had to be cancelled.

Program Thursday, May 19, 2022

- 13.00 Conference Opening
Marc J-F Suter, Vice-President SCS Division of Analytical Sciences (DAS)
- 13.05 Lenny Winkel, Eawag
«Analytical Advancements Improve Insights into the Biogeochemical Cycle of Selenium»
- 13.35 4 Contributed Lectures
- 14.35 Coffee Break
- 15.10 Benham Ahmadian Baghbaderani, Lonza
«Robust and reliable analytical methods: critical requirement for industrialization of cell and gene therapies»
- 15.40 4 Contributed Lectures
- 16.40 Poster session and Aperitif
- 18.30 Dinner
- 21.00 Get-together Party

Friday, May 20, 2022

- 09.00 Marco Baity Jesi, Eawag
«Machine learning as a tool to predict the toxicity of chemicals»
- 09.30 2 Contributed Lectures
- 10.00 Coffee Break
- 10.30 Detlef Günther, ETH Zurich
«Between Fundamentals and Applications – the Important Role of Analytical Chemistry»
- 11.00 4 Contributed Lectures
- 12.15 General Assembly of the Division Analytical Sciences (DAS) of the Swiss Chemical Society
- 13.00 End of Meeting

Important Dates

- Submission of abstracts by April 4, 2022
- Notification of acceptance April 20, 2022
- Registration deadline for participants May 5, 2022

Registration Fees

- Regular participants: CHF 300.-
- Students including PhD students: CHF 100.-
- The fees include meals and accommodation

Organizing Committee

Dr. Marc J-F Suter, Eawag Dübendorf
Prof. Eric Bakker, University of Geneva
Dr. Davide Bleiner, Empa, Dübendorf

Website and Registration

cha22.scg.ch

Swiss Photochemistry Symposium 2022



June 17, 2022, HEIA Fribourg, Hochschule für Technik & Architektur

The 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.

Program

- 09.15 Registration, coffee & chat
- 09.50 Welcome message
- Session 1
- 09.55 Prof. Ferdinand Grozema, TU Delft, NL
- 10.25 2 Contributed Talks
- 10.55 Short Break
- Session 2
- 11.00 Prof. Pablo Rivera-Fuentes, University of Zurich, CH
- 11.30 2 Contributed Talks
- 12.00 Lunch & networking
- 12.50 PCS General Assembly
- Session 3
- 13.15 2 Invited Talks
- 13.55 10× 3min Elevator Talks
- 14.30 Poster session, coffee & networking
- Session 4
- 15.45 Prof. Julia Weinstein, University of Sheffield, UK
- 16.15 3 Contributed Talks
- 17.00 Poster award ceremony and closing remarks

Registration Fees (include lunch and coffee)

- CHF 100.00 for SCS or EPA members
- CHF 120.00 for non-members
- CHF 50.00 for student

Organizing Committee

Olivier Nicolet, HES-SO/HEIA-FR (Chair)
Oliver Wenger, University of Basel
Silvio Canonica, Eawag, Dübendorf
Kurt Dietliker, ETHZ, Zurich
Tomas Solomek, University of Basel

Website and Registration

pcs22.scg.ch

SCS Seminar on Flow Chemistry 2022



June 27–29, 2022, Le Domaine Notre Dame, Villars-sur-Glâne (Fribourg)

Due to the ongoing pandemic, the seminar is postponed from February to June 2022. The SCS Seminars are three-days educational events with a focus on topics relevant for the Swiss chemical and pharmaceutical industry but that are not necessarily part of the academic curricula. The first seminar in 2022 will focus on Flow Chemistry.

Target Group

Interactive Seminar for PhD students, Postdocs as well as junior scientists from industry to get in contact with flow chemistry and get them ready to start with it in the lab.

Program Monday, June 27, 2022

- 10.00 Welcome
 10.30 Marc-André Müller, DSM
 «Basics of Flow Chemistry I – Process intensification in industry»
 11.30 Dominique Roberge, Lonza
 «Basics of Flow Chemistry II – Flow chemistry, the engineer's view»
 12.30 Lunch
 13.30 Claudio Battilocchio, Syngenta
 «Application of Flow Chemistry I – Batch to flow»
 14.30 Roger Marti, HEIA-FR
 «Application of Flow Chemistry I – Application in synthesis»
 15.30 Coffee break
 16.00 Lab Visit HEIA-FR/ChemTech: Pilot Plant & Flow Lab
 18.30 Poster Session & Apéro, Supplier Booths
 Dinner

Tuesday, June 28, 2022

- 08.30 Michal Dabros, HEIA-FR
 «PAT Technology in Flow, Chemometrics»
 09.30 Alexandra Kämpfer-Homsy, HE-ARC
 «Microfluidics in Bioanalytics»
 10.00 Coffee break
 10.30 Workshop 1 with lecturers and suppliers
 11.30 Workshop 2 with lecturers and suppliers
 12.30 Lunch
 13.30 Marlies Moser, Fluitec, Supplier Presentation
 14.30 Philippe Roth, Corning, Supplier Presentation
 15.30 Coffee break
 16.00 Samuel Bourne, Carbogen AMCIS
 Industry Lectures – Case Study
 17.00 Duncan Guthrie, Vapourtec, Supplier Presentation
 18.30 Symposium Dinner

Wednesday, June 29, 2022

- 08.30 Mathieu Lesieur, Sovias
 «C-H Oxidation or Organolithium bases in Flow»
 09.30 Thomas Kretschmar, Hitec-Zang, Supplier Presentation
 10.00 Coffee break
 10.30 Workshop 3 with lecturers and suppliers
 11.30 Benjamin Martin, Novartis
 «Sustainability Aspects of Continuous Manufacturing»
 12.30 Lunch
 13.30 Workshop 4 with lecturers and suppliers
 14.30 Closure

Active participation is key for all attendees. A good mix between

- theoretical lectures,
- reports of concrete projects from industry,
- interactive workshops/panel discussions and
- short presentations by participants

will guarantee a maximum of impact. Each participant brings along a specific challenge out of the daily lab work and will present a poster of his/her current work.

The seminar will focus on relevant issues of process chemistry such as

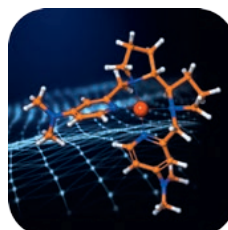
- Batch to flow
- Flow reaction optimization
- Safety issues
- Scaling up
- Reactors and reactor design

Organizing Committee

Prof. Roger Marti, HEIA-FR
 Dr. Marc-Andre Mueller, DSM Nutritional Products Ltd

Website

flowsem22.scg.ch

SwissCat Symposium 2022

June 30, 2022, Department of Chemistry, Biochemistry and Pharmaceutical Sciences, University of Bern
 Due to the ongoing pandemic, the seminar is postponed from February to June 2022. The SwissCat Symposium is the annual meeting of the respective SCS network and brings together experts in the field of homogeneous, heterogeneous and bio-catalysis. The event also serves as a central platform for the various organizations and networks active in the field of catalysis in Switzerland.

Confirmed Speakers

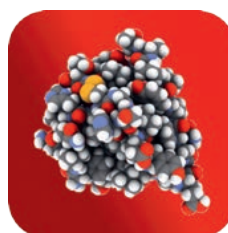
Rebecca Buller, ZHAW Wädenswil
 Maarten Nachtegaal, PSI Villingen
 Ermanno Filippi, Casale
 You will find the complete program on the website.

Chair of the Organizing Committee

Prof. Matthias Arenz, University of Bern, President SwissCat

Website

swisscat22.scg.ch

Peptide Therapeutics Forum 2022

Aug 25–26, 2022, University Hospital Basel, Zentrum für Lehre und Forschung
 The event provides an innovative platform to exchange on the various aspects of drug development with a focus on peptides.
 The program includes invited lectures from experts working in academia and industry from all over the world.

Organizing Committee

Prof. Melpomeni Fani, University of Basel
 Prof. Roderich Süßmuth, TU Berlin
 Dr. Thomas Vorherr, TU Berlin
 Prof. Nina Hartrampf, University of Zurich.

Website and Registration

ptf22.scg.ch

ADDITIONAL CONFERENCES IN SWITZERLAND AND ONLINE EVENTS

LS² Annual Meeting 2022: «Life Sciences in the 2020s: quantitation, integration and prediction»

April 21–22, 2022, University of Zurich, Irchel Campus
The LS² Annual Meeting brings together scientists from all nations and backgrounds to explore the large spectrum united under the umbrella of Life Sciences. The 2022 edition is being organized to be an on-site meeting with all safety measures in place. The program will include 3 plenary lectures, a symposium organized by and for young scientists with short talks selected from abstracts, our already famous PIs of Tomorrow session, the lectures from 3 awards (Prix Schl fli, Lelio Orci Award and Friedrich Miescher Award), a special plenary short talk "Personalized Health" from the Forum of Genetic Research (SCNAT) and 11 scientific symposia organized by our sections and partners.
annual-meeting.ls2.ch

Ions and Photons in Analytical Science (IPAS 2021)

April 22, 2022, ETH Zurich, H nggerberg
The symposium will bring together 10 international experts, many of them with ties to ETH Zurich, who have all agreed already to lecture on the state-of-the-art in analytical methodologies and their applications during this symposium. It has been more than a decade that a symposium dedicated exclusively to analytical science was organized at ETH Zurich – the last time was 2009, when the quite successful and well attended symposium «Analyze That!» took place at ETH H nggerberg – reason enough to review how the field has moved forward in the last decade.

The core of the program are plenary talks by invitation only. There will be the possibility to contribute to the program with posters from young researchers and stands/booths from companies.

Submission deadline: February 18, 2022.

ipas2021.ethz.ch

PSI-K Conference 2022 (postponed from 2020)

August 22–25, 2022, EPFL Lausanne
This major conference – the largest worldwide in electronic-structure – brings together the community that is active in the field, as described by the PSI-K mission statement: "... to develop fundamental theory, algorithms, and computer codes in order to understand, predict, and design materials properties and functions. Theoretical condensed matter physics, quantum chemistry, thermodynamics, and statistical mechanics form its scientific core. Applications encompass inorganic, organic and bio-materials, and cover a whole range of diverse scientific, engineering, and industrial endeavours."

The conference program will be structured around 3.5 days, that will include 7 plenary talks, 39 symposia in 6 parallel sessions (136 invited talks and ~170 contributed talks), and a MAD evening to shake it all off.

With more than 1000 participants expected, it will be a key event in the field, offering an intense but enjoyable atmosphere, in addition to a chance to explore the beautiful region around Lausanne and Lake Geneva.

psik2020.net/

SCS LECTURESHIP AWARDS

The SCS Lectureship is awarded to world-class distinguished scientists and it is organized under the patronage of the Swiss Chemical Society. Over a week, the lecturer gives five presentations and discusses with colleagues at four to five different Swiss research institutions. The selection of the lecturers follows a bottom-up approach where PIs from all Swiss research institutions can propose candidates. The program covers all areas of chemistry. The choice among the proposed lectureships is made by the board of the Division of Fundamental Research (DFR) of the SCS.

After a long period of uncertainty, during which no speakers could be invited, we hope to reactivate the program as of April 2022. Save the dates for the following tours:

Prof. Harry Anderson, University of Oxford (UK)

«Synthesis & Electronic Delocalization in Pi-Conjugated Nanorings» (Talk A)

«Approaches to the Synthesis of New Carbon Allotropes» (Talk B)

- Mon, 4. April: Zurich - Talk A
- Tue, 5. April: Basel - Talk B
- Wed, 6. April: Neuchatel (morning) - Talk B, Fribourg (afternoon) - Talk B
- Thu, 7. April: Geneva - Talk B
- Friday 8. April: Lausanne - Talk A

Tour organizer: Prof. Michal Jur cek, University of Zurich

Prof. David Nesbitt, JILA and University of Colorado, Boulder
«A Physical Chemist in Search of Simplicity: From Interstellar Cosmochemistry to Single Molecule Biophysics»

- Wed, 4. May: Geneva
- Thu, 5. May: Lausanne (EPFL)
- Fri, 6. May: Zurich (ETH)
- Mon, 9. May Zurich (UZH)
- Tue, 10. May: Basel

Tour organizer: Prof. Stefan Willitsch, University of Basel

Prof. Edward I. Solomon, Stanford University (USA)

«Activating Metal Sites for Biological Electron Transfer»
«Geometric and Electronic Structural Contributions to Fe/O₂ Reactivity: Correlations between metalloenzyme and heterogeneous catalysis»

- Mon, 10. October: University of Zurich
- Tue, 11. October: ETH Zurich
- Wed, 12. October: University of Bern and Fribourg
- Thu, 13. October: University of Basel
- Fri, 14. October: EPFL Lausanne

Tour organizer: Prof. Christophe Cop ret, ETH Zurich

Additional tours that are planned in fall 2022 or early 2023:

Prof. Jennifer Field, Oregon State University (USA)

«Quantitative analytical methods for organic micropollutants and their transformation products in natural and engineered systems»

Prof. Abby Doyle, Princeton University (USA)

«Organic synthesis, organometallic catalysis, and physical organic chemistry»

Prof. Daniel G. Nocera, Harvard University, Cambridge, MA (USA)

Research topic(s): Renewable energy, e.g. the artificial leaf and bionic leaf

Prof. Mark S. Taylor, University of Toronto (CAN)
«Research Topics: Synthetic methodology, asymmetric catalysis, supramolecular and materials chemistry»

The SCS Lectureship tours are financially supported by:



LECTURES MARCH 2022

Prof. David Tilley, University of Zurich

18. March 2022, University of Basel, small lecture hall OC
«Semiconductor-Heterojunction Approaches to Solar Water Splitting and Electrosynthesis with Anchored Molecular Catalysts»

Prof. Stephane Quideau, University of Bordeaux

25. March 2022, University of Basel, small lecture hall OC
«Title to be announced»

Please visit either the SCS website or the websites of the departments and institutes as shown below for the latest announcements and the exact location of the lectures.
scg.ch/lectures

Event announcements as Swiss Universities

- EPFL Lausanne
memento.epfl.ch/insic/
- ETH Zurich
chab.ethz.ch/en/news-and-events/events
- University of Basel
chemie.unibas.ch/en/news-and-events/events
- University of Bern
dcbp.unibe.ch/ueber_uns/aktuelles/seminare
- University of Fribourg
unifr.ch/chem/en/info/agenda.html
- University of Geneva
unige.ch/sciences/chimie/en/conferences
- University of Neuchâtel
unine.ch/chim
- University of Zurich
chem.uzh.ch/en/events/schedule
- PSI Villigen
psi.ch/en/science/scientific-events
- EMPA Dübendorf
events.empa.ch
- Eawag Dübendorf
eawag.ch/en/news-agenda/agenda



SCS Academy

Swiss Chemical Society

InCompany Training

In collaboration with your company we organize or develop InCompany-trainings and courses according to your ideas and needs. Benefit from the fact that we can

- design contents to company-specific requirements and wishes
- specifically address questions and problems in your field of application
- carry out practical exercises on your equipment
- conduct training sessions in French or English, if necessary

Experts are at your disposal for a personal need's assessment.

Place / Date

The training can be conducted at your location or as online training. Your employees do not have to pay for travel and accommodation!

The date will be arranged to fit best your needs.

Fees

On request, depending on the length of the training and the complexity of the curriculum.

Target group/customers

Customers who have a need for specific education and further training measures to complete the offering of the SCS Academy and other training providers.

Contact

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