



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

SCS Fall Meeting 2024



September 5, 2024, University of Fribourg and HEIA-FR

The SCS Fall Meeting is the major regularly organized event of the Swiss Chemical Society and one of the largest annual research conferences in Switzerland. For decades, the SCS Fall Meeting has been a great platform for senior scientists to showcase their current research results as well

as for young chemists to present their research, often for the first time ever at a major conference. Be inspired by the people you will meet there and be part as one of the 1,000+ participants.

Program Highlights

- Two plenary sessions with lectures of four SCS prize winners
- Nine thematic parallel sessions with keynote lectures and 15 min PhD presentations
- Poster Session during the lunch break
- Best oral and best poster presentation Award Ceremony
- Commercial exhibition

Topics of the Parallel Sessions

- Analytical Sciences
- Catalysis Science & Engineering
- Computational Chemistry
- Chemistry and the Environment
- Inorganic & Coordination Chemistry
- Medicinal Chemistry & Chemical Biology
- Organic Chemistry
- Physical Chemistry
- Materials Chemistry

Plenary Speakers

- 09.30h: Werner Prize Winner 2024
Prof. Athina Anastasaki, ETH Zurich
«Monomers from Polymer»
- 10.00h: Sandmeyer Award Winners 2024
Prof. Urs von Gunten, Dr. Christa McArdell, Eawag Dübendorf
«Advanced wastewater treatment»
- 16.30h: Green & Sustainable Chemistry Award Winner 2023
Prof. Ali Coskun, University of Fribourg
«Porous Materials for Energy and Environmental Applications»
- 17.00h: Senior Industrial Science Award Winner 2024
Dr. Rosa Maria Rodriguez Sarmiento, Roche
«Small Molecules Gamma Secretase Modulators for the treatment of Alzheimer's Disease»

Organizing Committee

Prof. Ali Coskun, University of Fribourg
Prof. Christian Bochet, University of Fribourg

Dr. Hans Peter Lüthi, SCS Foundation
Maja Ivanovic, University of Fribourg

Registration Fees

SCS-members

Presenting a talk or a poster free of charge

Non-SCS members

Presenting a talk or a poster CHF 250
Regular Participant CHF 100

Registration Deadline

25.08.2024 Deadline for registration (online payment)

Website

<https://fm24.scg.ch>

Ilmac Conference 2024 Day 1: «Latest Advances in (Semi-) Non-targeted Analysis»



September 18, 2024, Expo Beaulieu Lausanne

As part of Ilmac Lausanne, the symposium offers insights into (semi-) non-targeted methods in the analytical sciences and their specific applications in food chemistry.

Non-target-screening has developed in recent years from research into a promising method with a wide range of applications in analytical sciences. In the morning session renowned experts show latest advances of these methods in material science, laboratory medicine, water and agricultural research. The afternoon session will focus on specific applications in food chemistry, such as general spectra interpretation, non-target and semi-non-target contaminant search like PFAS. The symposium is intended for participants from academia, expert laboratories and industry.

Program

- 09.45 Welcome and symposium opening
Presentation of SCS Division of Analytical Sciences and SwissFoodChem
- 10.10 Keynote: Oliver Schmidt, Niedersächsisches Landesamt für Verbraucherschutz und Lebensmittelsicherheit (LAVES)
«Recycled food packaging – Compliance from an authority's perspective»
- 10.45 Prof. Gavin O'Connor, TU/PTB Braunschweig
«Challenges in the standardisation of non-targeted quantitative methods of analysis»
- 11.15 Short break
- 11.30 Dipl. Ing. Heinz Singer, Eawag Dübendorf
«Unmasking the Unknown: Non-target Analysis in the aquatic environment»
- 12.00 Valeria Leoni, Dr. Gregory Pimentel, Agroscope
«Non-targeted mass spectrometry in agricultural

- research: Example of the identification of pollen species, and nutritional value of fermented food»
- 12.30 Lunch and networking
- 13.30 Start-up Session: 3min Pitches
- 14.00 Keynote: Dr. Thomas Letzel, Analytisches Forschungsinstitut für Non-Target Screening GmbH, Augsburg
«Mass Spectrometric Non-Target Screening – Interdisciplinary Solutions and Data Handling»
- 14.45 Dr. Samy Boulos, ETH Zurich
«High-resolution mass spectrometry to explore the reactivity and health-promoting functions of dietary fibers»
- 15.15 Break
- 15.30 Dr. Alexander Scherl, Office cantonal de la santé, Service de la consommation et des affaires vétérinaires (SCAV), Genève
«Suspect Screening Food Supplements»
- 16.00 Dr. Xanthippe Theurillat, Nestle Research Center, Lausanne
«Broadening the scope of PFAS analysis in food: No compromise in data reliability»
- 16.30 Conclusion, end of symposium
- 17.00 Ilmac Reception and Aperitif

Organizing Committee

Hanspeter Andres, METAS and member of the board of the SCS Division of Analytical Sciences
Thomas Gude, Thomas Gude GmbH, SwissFoodChem

Registration for Participants

Register for free with the SCS promo code: <https://scg.ch/ilmac-ticket>

Website

<https://scg.ch/ilmac/2024>

Swiss Chemistry Science Night 2024



September 20, 2024, Casino Bern

The Swiss Chemistry Science Night was launched in 2021 to honor and celebrate the winners of the Swiss Chemical Society's award programs in front of distinguished representatives from industry, academia and politics. It is a celebration of discoveries and innovations in the chemical sciences and provides a

networking platform for members from industry and academia.

Attendance is by invitation only. If you would like to attend this vibrant gala evening, please contact info@scg.ch to inquire about opportunities to participate.

15th Swiss Course on Medicinal Chemistry 2024



October 13-18, 2024, Leysin

This five-day MedChem School focuses 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 is targeted at young scientists

from academia and the pharmaceutical and biotech industry interested in the area of medicinal chemistry, but also from flank-

ing disciplines such as biochemistry, pharmacy, pharmacology, or biophysics. 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 are able to attend to receive a broad overview on scientific disciplines involved in modern drug discovery.

The event is thematically structured along key topics of strategic relevance for medicinal chemistry that will be presented by opinion leaders in the field. The teaching content is further intensified by hands-on tutorials in which the theoretical learning's can immediately be applied to real life problems of pre-clinical drug discovery.

Deadlines

08.09.2024 Registration deadline for participants

Participation Fees

	SCS members	non-members
Students (MSc, PhD)	CHF 800	1'000
Postdoc	CHF 2'100	2'400
Regular Participant	CHF 3'300	3'700

The seminar fees include meals and accommodation for 5 nights.

Website

<https://scmc24.scg.ch>

7th SCS-Syngenta Symposium 2024



October 24, 2024, Syngenta Research Center Stein (AG)

In this exciting event, we will explore the latest developments and advances in the field of chemical biology that are enabling researchers to find new approaches for medical research, drug development and biotechnology. We look forward to exploring with you the possibilities of

combining chemistry and biology to create breakthrough discoveries and solutions to the challenges of our time. Let's push the boundaries of knowledge together and shape the future of innovation!

The poster session at lunchtime provides a great opportunity for discussion and promotes exchange among the participants.

Programm Overview

- 08.30 Registration and welcome coffee
- 09.00 Welcome and opening by Dr. Sarah Sulzer, Syngenta
- 09.15 Prof. Dennis Gillingham, University of Basel
«Induced Proximity in Chemistry and Biology»
- 09.50 Dr. Slava Ziegler, Max-Planck Institute
«Bioactivity Annotation for Small Molecules Using Cell Painting»
- 10.25 Coffee break
- 10.55 Dr. Thais Gazzi, F. Hoffmann-La Roche AG
«Exploring the Endocannabinoid System Pharmacology through Chemical Biology Approaches»
- 11.30 Dr. Scott Lovell, University of Bath
«Screening Approaches for the Identification of Covalent Peptide Inhibitors»
- 12.05 Prof. Stephan Hacker, University of Leiden
«Profiling the proteome-wide Selectivity of Diverse Electrophiles»
- 12.40 Lunch and poster session

- 14.00 Dr. Philipp Ottis, Novartis Biomedical Research
«Genetic Reprogramming to Map Target Exons Amenable to Splicing Modulation»
- 14.35 Prof. Patrick Barth, EPFL Lausanne
«Mechanistically Driven Prediction and Design of GPCR Signaling for Precision Medicine»
- 15.10 Prof. Gonçalo Bernardes, University of Cambridge
«Translational Chemical Biology»
- 16.00 Aperitif

Organizing Committee

Dr. Sarah Sulzer-Mosse
Dr. Vlad Pascanu
Dr. Amandine Krieger

Deadline

01.09.2024 Registration and abstract submission deadline

Website

<https://syngenta24.scg.ch>

SCS Seminar on Intellectual Property (IP) 2024 – Hands-on Workshop for Scientist in Life Sciences



November 7–8, 2024, Murten

The SCS Seminar on IP 2024 with focus on researchers, technology transfer managers, and others who are responsible for life science related intellectual property, in particular patents, and with an interest in enhancing their 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 to form a network to be actively used also after the seminar.

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Target Group

Scientists working in industry with basic experience in the field of IP and patents

Goals

Participants will learn about

- Fundamentals about life science IP, in particular patents, in an international context for both chemistry and biotech related inventions.
- 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.
- Practical guidance on how to conduct an IP protection strategy including designing patent claims

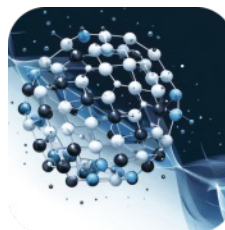
Teaching Body and Experts

- Dr. Christian Moser-Nickles, Patent Expert, Eidgenössisches Institut für Geistiges Eigentum (IGE)
- Dr. Michael Cock, Swiss Patent Attorney, European Patent Attorney, dr. kock consulting, Basel
- Dr. Anna Maria Villa, Patent Expert, QPIP
- Beat Rauber, Global Quality Manager Group Patents, F. Hoffmann-La Roche AG
- Dr. Mark Schweizer, President, Swiss Federal Patent Court
- Bernard Volken, Attorney-at-Law/Partner, Troller Hitz Troller
- Dr. Jonathan Thwaite, Head of Intellectual Property at Basilea Pharmaceutica Ltd

Website

<https://ipsem24.scg.ch>

SCS Symposium on AI 2024



November 24, 2024, University of Fribourg

The focus of this first event is on the use of AI in Quantum Chemistry. The rapid progress of Artificial Intelligence (AI) is transforming nearly every facet of our society and scientific research, with Quantum Chemistry not being an exception. AI transforms this field, rapidly impacting molecular and material simulations at various scales [1- 3]. A critical examination of AI applications in Quantum Chemistry is essential to discern areas where AI can significantly contribute and identify realms where current AI approaches fall short. The conference will explore AI's dual role in advancing Quantum Chemistry by enhancing developments and accelerating quantum chemistry through AI surrogate models replicating its methods.

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Confirmed Speakers

Prof. Alexandre Tkatchenko, University of Luxembourg
Prof. Markus Meuwly, University of Basel
Prof. Jeremy Richardson, ETH Zurich
Dr. Elias Polak, University of Fribourg

Deadlines

- 11.10.24 Deadline for abstract submission for short talks and posters
- 23.10.24 Notification of acceptance for posters and two contributed talks
- 01.11.24 deadline for registration

Website

<https://ai24.scg.ch>

Swiss Snow Symposium 2025



January 16–18, 2025, Saas-Almagell

The youngSCS happily welcomes you again in Saas-Almagell for the 22th edition to share your passion for chemistry, connect with one another and be inspired by renowned researchers and industrial partners.

Join us at the Hotel Kristall Saphir Superior for 3 days of lectures, short

talks and posters as well as get-togethers at the hotel bar and snow activities such as skiing, sledging and snow shoeing on the slopes of the Allalin-Mountain.

Confirmed Speakers

Prof. Michel Rickhaus, University of Geneva
Prof. Patrick Steinegger, ETH Zurich
Prof. Nako Nakatsuka, EPFL

Workshops

Cédric Invernizzi, Spiez Laboratory

Organizing Committee

Helena Solé
 Marta Oggioni
 Patrick Fritz
 Konstantina Armadorou
 Tara Forrest
 Gaetano Geraci
 Marie-Désirée Schlemper-Scheidt

Deadlines

19.08.24 Opening of registration
 06.10.24 Abstract submission deadline
 03.11.24 Notification of acceptance (Presenters)
 10.11.24 Notification of admission (Non-Presenters)
 24.11.24 Deadline for payment

Website:

<https://sss25.scg.ch>

5th Swiss Industrial Chemistry Symposium, SICS 2025

January 31, 2025, Biozentrum, University of Basel

The SICS is a one-day symposium with lectures, short talks offering 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. PhD students are invited to

present their research.

Confirmed Speakers

Oliver Robinson, Syngenta
 Fabrice Robiveux, dsm-firmenich
 Michel Bühlebach, Syngenta
 Ulrich Mayerhöffer, Arxada
 Loic Roch, Atinary
 Felix Bobbink, Plastogaz
 Roland Breitenmoser, Carbogen-Amics
 Quentin Lefebvre, Spirochem
 Terraneo Alberto, Cerbios

Organizers

Prof. Christof Sparr, University of Basel
 Dr. Fabrice Gallou, Novartis AG
 Dr. Hayley Binch, F. Hoffmann-La Roche AG
 Dr. Stefan Hildbrand, F. Hoffmann-La Roche AG
 Dr. Sarah Sulzer, Syngenta Crop Protection AG
 Dr. René Wyler, Novartis AG
 Dr. Stefan Abele, Pharvaris

Website:

<https://sics25.scg.ch>

NON-SCS CONFERENCES IN SWITZERLAND, SCS SUPPORTED EVENTS ABROAD**EFMC-Young Medicinal Chemists Symposium 2024**

September 5–6, 2024, Rome Italy

The 11th edition of this symposium will be held in Rome, Italy and will be organised by the EFMC and its Young Scientists Network (YSN). It will immediately follow the EFMC-ISMIC 2024. Website: <https://www.efmc-ymps.org>

LightChEC Summer School 2024

September 9, 2024, Aegerisee

The University Research Priority Program LightChEC – Solar Light to Chemical Energy Conversion organises its biennial summer school. The LightChEC Summer School fosters collaboration between different disciplines researching (photo-) electrochemical water splitting. The attending PhD students and postdocs will be able to participate in lectures and workshops led by experienced researchers in electrochemistry, catalysis, and materials science. They will have the opportunity to discuss their own projects not only with each other but also with the experts from all over the world.

Website: <https://www.lightchec.uzh.ch>

20. Österreichische Chemietage 2024 (GÖCH)

September 23–25, 2024, Graz

Lectures, workshops, panel discussions, poster presentations, and excursions with experts from industry and research will focus on the main theme «Biobased Chemistry and Technology». The Austrian Chemical Society, GÖCH cordially invites you to participate in the 20th GÖCH Chemietage 2024 to be held from the 23rd to 25th of September at Graz University of Technology. Special mini-symposia will take place on Wednesday 25th of September in the afternoon.

Website: <https://chemietage.at>

40 Years of the Homeobox@Biozentrum 2024

October 1, 2024, Biozentrum, University of Basel

One-day symposium to celebrate the discovery of the conservation of the Homeobox DNA sequence from insects to vertebrates 40 ago.

Website: <https://www.biozentrum.unibas.ch>

Zentralkurs Chemie 2024

October 9–11, 2024, Kantonsschule Im Lee

Dreitägige Ausbildungsveranstaltung für Lehrpersonen an Gymnasien und Kantonsschulen mit Vorträgen, Workshops und Exkursionen. Der Anlass wird vom VSN alle zwei Jahre organisiert.

Website: <https://zentralkurs-winterthur.ch/>

EFMC-ISMIC 2024: the XXVIII EFMC International Symposium on Medicinal Chemistry 2024

October 13–18, 2024, Rome Italy

EFMC-ISMIC 2024 will continue its tradition and will cover drug discovery advances in all major therapeutic areas as well as the most recent advances in lead identification and optimization strategies.

Website: <https://www.efmc-ismc.org>

SSbD24 Conference

November 27, University of Fribourg

The SSbD24 Conference aims to bring together experts from various relevant fields and sectors who have started to work on specific methods, tools and criteria to enable the actual use of Safe-and-Sustainable-by-Design. Experts from industry and value

chains using chemicals and materials will present their first-hand experience in applying the SSbD framework in case studies, and regulators will express their views on how to operationalize the concept and related policy needs.

Website: <https://www.empa.ch/web/s506/ssbd24>

2nd EFMC International Symposium on Chemical Biology (EFMC-ISCB)

January 29, 2025, University of Basel

EFMC and the DMCCB will organize the International Symposium on Chemical Biology (EFMC-ISCB) on January 29-31, 2025 in Basel, Switzerland. The symposium will be co-chaired by Uwe Grether (Roche) and Claudia Höbartner (Uni Würzburg). The programme will include plenary and invited lectures, short communications selected from submitted abstracts, a poster session, and a commercial exhibition - with ample time for discussion and networking.

Website: <https://www.efmc-iscb.org>

Rigi Workshop 2025: Microbiome Meets Metabolism: Linking microbial biotransformations of chemicals to human and environmental health

February 2–4, 2025, Rigi-Kulm Hotel

This 3-days interdisciplinary workshop will allow you to discuss the transformative power of microbiomes in shaping chemical structures and functions, vital for human and environmental well-being.

Website: <https://biol.scnat.ch/rigiworkshop25>

LS² Annual Meeting 2025

February 13, 2025, University of Fribourg

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 Topic of the 2025 edition is “The Complexity of Life: From Molecular Assemblies to Networks”.

Website: <https://annual-meeting.ls2.ch/2025>

LECTURESHIP AWARDS

SCS Lectureship Award 2024

Prof. Kyoko Nozaki, The University of Tokyo, Japan

New reactions mediated by homogeneous catalysis for organic and polymer synthesis

- Mon, Oct 14: ETH Zurich
- Tue, Oct 15: University of Zurich
- Wed, Oct 16: University of Fribourg
- Thu, Oct 17: University of Bern
- Fri, Oct 18: University of Geneva

Tour organizer: Prof. Jérôme Lacour, University of Geneva

The SCS Lectureships are supported by

EDUCATION COURSES

Dr. Florian Kleinbeck, Novartis AG, Basel

(DIAC Fellow Lecture 2024/3)

September 12, 16.00h, dsm-firmenich

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.

<https://scg.ch/lectures>



Thieme WebCheminars

presenting special topics on
organic synthesis
featuring expert chemists

Check
out dates
& topics!