



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

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 Gazzzi, 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 GP-CR 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

30.09.2024 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 free-

dom-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.

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 25, 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.

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
 Dr. Rubén Laplaza, EPFL Lausanne
 Prof. Zoe Cournia, Biomedical Research Foundation of the Academy of Athens and molab.ai

Registration

Participation is free of charge. However, registration is mandatory via the website.

Deadlines

04.11.24 Deadline for abstract submission (talks and posters)
 15.11.24 Notification of acceptance for posters and two contributed talks
 15.11.24 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
 Justine Charmillot, Bloom Biorenewables

Workshops

Cédric Invernizzi, Spiez Laboratory
 Marton Kottmayer, EuChemS

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.

Programm Overview

08.30 Registration and welcome coffee
 09.00 Welcome and opening
 09.15 Dr. Michel Mühlebach, Syngenta
 «Ambimobile Aryldiones in Crop Protection: Chemistry for Grass Weed Management and Control of Sucking Insects and Mites»
 09.45 Dr. Andrea Vaupel and Dr. Guido Jordine, Novartis
 «JDQ443 – a Structurally Novel Covalent Inhibitor of KRASG12C for the Treatment of Solid Tumors»
 10.15 Coffee break
 10.45 Dr. Loic Roch, Atinary
 «Turbocharge R&D with SDLabs and Bayesian Optimization»
 11.00 Dr. Emad El-Sayed, Carbogen-Amcis
 «From Catastrophe to Success»
 11.15 Dr. Felix Bobbink, Plastogaz
 «Scaling-up a hydrogen-assisted plastic waste depolymerization technology»
 11.45 Dr. Quentin Lefebvre, Spirochem
 «Accessing new sp³-rich chemical space in medicinal chemistry using enabling technologies»
 12.00 Dr. Flavio Fabiani, Helsinn
 «Safety considerations when developing highly active compounds – case study»
 12.15 Lunch and poster session
 14.00 Dr. Patrizio Mattei and Dr. Ernesto Santandrea, Roche
 «Discovery and process development of the new Antibiotic Zosurabalpin»
 14.30 Dr. Olivier Loiseleur and Dr. Raphael Dumeunier, Syngenta Crop Protection
 «TYMIRIUM® technology: The discovery of cyclobutirum»

- 15.00 Dr. Terraneo Alberto, Cerbios
«Critical Material Attributes in the Antibody Drug Conjugates Production Processes»
- 15.15 Coffee break
- 15.45 Dr. Fabrice Robvieux, dsm-firmenich
«Development of New Perfumery Ingredients»
- 16.15 Dr. Ulrich Mayerhoffer, Arxada
«Turning Net-Zero Into Reality – Arxada's chemical network as key to unlock sustainable chemistry»
- 16.45 Ceremony Best Presentation Awards
- 17.00 Aperitif and networking

Organizing Committee

Dr. Stefan Hildbrand, F. Hoffmann-La Roche AG, Chair
Dr. Lucie Lovelle, Novartis Pharma AG
Prof. Olivier Baudoin, University of Basel
Dr. Hayley Binch, F. Hoffmann-La Roche AG
Dr. Fabrice Gallou, Novartis Pharma AG
Dr. Sarah Sulzer, Syngenta Crop Protection AG
Dr. René Wyler, Novartis AG
David Spichiger, Swiss Chemical Society

Website:

<https://sics25.scg.ch>

CHanalysis 2025



March 19–20, 2025, Dorint Resort Blüemlisalp, Beatenberg

The Division Analytical Sciences (DAS) of the Swiss Chemical Society (SCS) is organizing CHanalysis, a meeting of Swiss analytical scientists on a yearly basis.

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.

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The program includes

- Invited Lecture: Prof. William Tong, San Diego State University
- METAS Award Winner 2025
- Simon-Widmer Award Winner 2025
- Talks from our event partners
- 12 contributed talks from PhD/Postdocs
- Poster pitches and a poster session
- Panel discussion
- Conference dinner

Organizing Committee

Dr. Davide Bleiner, Empa Dübendorf
Dr. Hanspeter Andres, METAS, Bern
Dr. Christoph Meyer, Lonza

Deadlines

- 31.01.25 Abstract submission deadline
07.02.25 Notification of acceptance (Presenters)
10.03.25 Registration deadline

Website:

<https://cha25.scg.ch>

NON-SCS CONFERENCES IN SWITZERLAND, SCS SUPPORTED EVENTS ABROAD

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-ismic.org>

SSbD24 Conference

November 10, Congressi Stefano Franscini (CSF), Ascona
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>

Materials for Sustainable Development Conference (MAT-SUS Fall 24)

November 12–15, 2024, SwissTech Center Lausanne
The conference covers all aspects of materials science, chemistry and engineering which are crucial to develop a more sustainable future. Sustainability requires using resources at a rate which is lower than that at which those resources are generated and the “embodied energy” of manufacturing compared to the produced energy is at the heart of the matter. The drive for sustainability encompasses alternative energy technologies to mitigate problems with fossil-fuel technologies, and to increase energy efficiency, as well as mitigate undesirable environmental impacts resulting from technology and economic growth; the efficient use of materials, the formation of a healthy and safe environment, and more. The conference consists on a combination of symposia of basic and multidisciplinary science, and applied symposia focused on sustainable development areas.

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

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 ses-

sion, 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>

ANAKON 2025

March 10–13, 2025, University of Leipzig

As the most important joint conference of German, Austrian and Swiss analytical chemistry, ANAKON offers a forum for new scientific content, the presentation of novel equipment and methods and, in particular, for direct dialogue between scientists!

Website: <https://veranstaltungen.gdch.de>

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

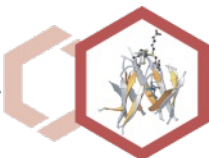
- Mon, Oct 14: ETH Zurich
- Tue, Oct 15: University of Zurich
- Wed, Oct 16: University of Fribourg
- Thu, Oct 17: University of Bern
- Fri, Oct 18: University of Geneva

Tour organizer: Prof. Jérôme Lacour, University of Geneva

The SCS Lectureships are supported by



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CHEMISTRY LECTURES AT SWISS UNIVERSITIES

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!

Thieme