



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

Swiss Women in Chemistry Event 2024 at Roche



November 19, 2024, F. Hoffmann-La Roche AG, Basel

Join us at Roche for an exciting afternoon of lab tours, roundtable discussions, an aperitif, and networking, in collaboration with Swiss Women in Chemistry.

This event is designed for students to discover different chemistry career paths, get advice on job searches and

work-life balance, connect with industry leaders and learn about the latest developments in the field.

The event is open to all genders. Please note that registration will be limited to a maximum number of participants due to space restrictions.

Registration

<https://scg.ch/events>

SCS Symposium on AI 2024: «Critical Use of AI in Quantum Chemistry»



November 25, 2024, University of Fribourg

The focus of this first event in a new series on AI in chemical research 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 excep-

tion. AI transforms this field, rapidly impacting molecular and material simulations at various scales. 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.

Programm

- 09.00 Registration and welcome coffee
- 09.30 Welcome and opening
- 09.45 Prof. Sereina Riniker, ETH Zurich
«Learning physical interactions for molecular dynamics simulations»
- 10.25 Dr. Ruben Laplaza, EPFL Lausanne
«Navigating homogeneous catalyst landscapes»
- 11.05 Short Break
- 11.25 2 contributed talks à 15 min
- 11.55 Dr. Zoe Cournia, Biomedical Research Foundation Academy of Athens

- «Predicting protein-ligand, protein-protein and protein-membrane interactions using molecular simulations and AI»
- 12.35 Lunch and poster session
- 14.00 Prof. Alexandre Thatchenko, University of Luxembourg
«Towards AI-enabled Fully Quantum (Bio)Molecular Simulations»
- 14.40 Dr. Elias Polak, University of Fribourg
«Real-space machine learning of correlation density functionals»
- 15.00 Dr. Terraneo Alberto, Cerbios
«Critical Material Attributes in the Antibody Drug Conjugates Production Processes»
- 15.20 Short break
- 15.40 Prof. Jeremy Richardson, ETH Zurich
«Machine-learning acceleration for semiclassical and nonadiabatic dynamics»
- 16.20 Prof. Markus Meuwly, University of Basel
«Constructing, Validating and Using Machine-Learned Potential Energy Surfaces»
- 17.10 Closing word
- 17.15 Aperitif and networking

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 22nd 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 Almagellerhorn.

Confirmed Speakers

- Prof. Michel Rickhaus, University of Geneva
- Prof. Patrick Steinegger, ETH Zurich
- Prof. Nako Nakatsuka, EPFL
- Justine Charmillot, Bloom Biorenewables

Workshops

Dr. Cédric Invernizzi, Spiez Laboratory
Marton Kottmayer, EuChemS

Organizing Committee

Helena Solé, Marta Oggioni, Patrick Fritz, Konstantina Arma-
dorou, Tara Forrest, Gaetano Geraci, Marie-Désirée Schlem-
per-Scheidt

Deadlines

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, Universi-
ty of Basel

The SICS is a one-day symposium with lectures and 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

08.30 Registration and welcome coffee

09.00 Welcome and opening

09.15 SCS Senior Industrial Science Award Lecture 2024

Dr. Michel Muehlebach, Syngenta
«Ambimobile Aryldiones in Crop Protection: Chemis-
try for Grass Weed Management and Control of Sucking
Insects and Mites»

09.45 Dr. Andrea Vaupel and Dr. Navid Dastbaravardeh, No-
vartis
«JDQ443 – a Structurally Novel Covalent Inhibitor of
KRASG12C for the Treatment of Solid Tumors»

10.15 Coffee break

10.45 Dr. Loïc Roch, Atinary
«Turbocharge R&D with SDLabs and Bayesian Optimi-
zation»

11.00 Dr. Emad El-Sayed, Carbogen-Amcis
«From Catastrophy to Succes»

11.15 Dr. Felix Bobbink, Plastogaz
«Scaling-up a hydrogen-assisted plastic waste depoly-
merization technology»

11.30 Dr. Quentin Lefebvre, Spirochem
«Accessing new sp³-rich chemical space in medicinal
chemistry using enabling technologies»

11.45 Dr. Lucia Sodo Rillo, Helsinn
«Safety considerations when developing highly active
compounds – case study»

12.00 Lunch and poster session

14.00 Dr. Patrizio Mattei and Dr. Ernesto Santandrea, Roche
«Discovery and process development of the new Anti-
biotic Zosurabalpin»

14.30 Dr. Olivier Loiseleur and Dr. Raphael Dumeunier, Syn-
genta Crop Protection
«TYMIRIUM® technology: The discovery of cyclobutri-
fluram»

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 Dr. Stefanie Hellweg, ETH Zurich
«Exploring the Future Environmental Impact of Chem-
ical Production»

17.15 Ceremony Best Poster Awards

17.30 Aperitif and networking

Organizing Committee

Dr. Stefan Hildbrand, F. Hoffmann-La Roche AG, Chair

Prof. Christof Sparr, University of Basel

Dr. Hayley Binch, F. Hoffmann-La Roche AG

Dr. Fabrice Gallou, Novartis Pharma AG

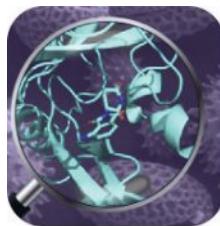
Dr. Sarah Sulzer-Mossé, Syngenta Crop Protection AG

Dr. René Wyler, Novartis Pharma AG

Dr. Stefan Abele, Pharvaris

Website:

<https://sics25.scg.ch>

DMCCB Basel Symposium 2025

February 6, 2025, Biozentrum, Universi-
ty of Basel

This one-day symposium, organized by the Swiss Chemical Society, Division Medicinal Chemistry and Chemical Biology, is dedicated to the theme «Strategies for Addressing Challenging Targets».

As the scientific community pushes the boundaries of drug discovery, certain biological targets remain notoriously difficult to tackle. Whether due to their structural complexity, dynamic nature, or elusive biochemical mechanisms, these challenging targets demand innovative approaches.

The DMCCB Basel Symposium 2025 will bring together leading experts to explore cutting-edge strategies for overcoming these hurdles in drug discovery.

Join us on February 6, 2025, at the Biozentrum in Basel, where scientists from the fields of medicinal chemistry and chemical biology will meet to share the latest breakthroughs. From targeting protein-protein interactions to addressing the complexities of undruggable targets, this symposium promises a comprehensive overview of pioneering methods and techniques.

Organizing Committee

Dr. Christoph Sager, leadXpro, Chair

Prof. Nina Hartrampf, University of Zurich

Prof. Dennis Gillingham, University of Basel

Dr. Fides Benfatti, Syngenta Crop Protection

Website:

<https://dmccb25.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.

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)
16.02.25 Registration deadline

Website:

<https://cha25.scg.ch>

17th Freiburger Symposium 2025



April 3-4, 2025, School of Engineering and Architecture of Fribourg

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.

Organizing Committee

Dr. Roger Marti, HEIA Fribourg
Dr. Urban Jenelten, dsm-firmenich, Geneva
Dr. Maurus Marty, dsm-firmenich, Kaiseraugst

Deadlines

15.02.25 Abstract submission deadline for a poster presentation
01.03.25 Notification of acceptance (presenters)
01.03.25 Registration deadline

SCS Spring Meeting 2025, «Electrocatalysis: Current Challenges and Future Perspectives»



April 24, 2025, University of Bern

The SCS Spring Meeting is a one day symposium that provides a high-quality program with national and international speakers of a certain topic. The 2025 focus will be on Catalysis/Electrocatalysis.

Organizing Committee

Prof. Matthias Arenz, University of Bern
Prof. Peter Brockmann, University of Bern

Dealines

01.12.24 Open Registration
01.04.25 Registration with invoice payment
18.04.25 Registration deadline

Non-SCS CONFERENCES IN SWITZERLAND, SCS SUPPORTED EVENTS ABROAD

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 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>

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 Awards 2025 (approved)

Prof. Tehshik Yoon, University of Wisconsin-Madison, USA

Tour dates: May 19-23, 2025

Tour organizer: Prof. Olivier Baudoin, University of Basel

Prof. Yamuna Krishnan, University of Chicago, USA

Tour dates: June 16-26, 2025

Tour organizer: Prof. Beat Fierz, EPFL Lausanne

Prof. Laura Kiessling, MIT, Cambridge, USA

Tour organizer: Prof. Nina Hartrampf, University of Zürich

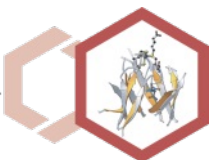
Prof. Anat Milo, Ben-Gurion University of the Negev, ISR

Tour organizer: Prof. Jérôme Lacour, University of Geneva

The SCS Lectureships are supported by



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CHIMICA ACTA
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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>

UNI
FR
UNIVERSITÉ DE FRIBOURG
UNIVERSITÄT FREIBURG

SCS
Swiss Chemical
Society

November 25, 2024
University of Fribourg
Adolphe Merkle Institute

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Invited Speakers

- **Prof. Sereina Riniker**, ETH Zurich
- **Dr. Ruben Laplaza**, EPFL Lausanne
- **Dr. Zoe Cournia**, Biomedical Research Foundation Academy of Athens
- **Prof. Alexandre Tkatchenko**, University of Luxembourg
- **Dr. Elias Polak**, University of Fribourg
- **Prof. Jeremy Richardson**, ETH Zurich
- **Prof. Markus Meuwly**, University of Basel

Apply for a contributed talk, a poster until Nov 4
Registration deadline is Nov 16, 2024
Participation is free of charge

ai24.scg.ch