

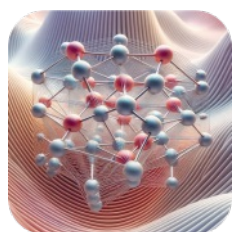


## Events

Congresses, Symposia, Lectures, Education Courses

### SCS CONFERENCES AND SYMPOSIA

#### SCS Fall Meeting 2025



September 4, 2025, University of Zurich

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 2025
- Nine thematic parallel sessions with keynote lectures and 15min 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 Sciences & Engineering
- Computational Chemistry
- Chemistry and the Environment
- Inorganic & Coordination Chemistry
- Medicinal Chemistry & Chemical Biology
- Organic Chemistry
- Physical Chemistry
- Materials Chemistry

#### Plenary Speakers

- Prof. Jeremy Luterbacher, EPFL Lausanne  
Swiss Green & Sustainable Chemistry Award Lecture 2025
- Dr. Myriem El Qacemi, Syngenta Crop Protection AG  
Swiss Industrial Science Award Lecture 2025
- Prof. Julian G. West, Rice University, Houston, US  
Grammaticakis-Neumann Award Lecture 2025
- Dr. Stephan Bachmann, F. Hoffmann-La Roche AG  
Sandmeyer Award Lecture 2025

Further details on the program of the SCS Fall Meeting can be found in the special section of this journal.

#### Organizing Committee

Prof. Juríček, University of Zurich  
Prof. Eva Freisinger, University of Zurich

#### Registration Fees

##### SCS members

Registration (incl. presenting a talk/poster) free of charge

##### Non-SCS members

Presenting a talk or a poster CHF 250

Registration as regular participant CHF 100

Registration as student (BSc, MSc, PhD) CHF 50

#### Website

<https://fm25.scg.ch>

#### Future in Chemical Education 2025



September 4, 2025, University of Zurich,  
*AI in Teaching Chemistry.*

Within the framework of the Fall Meeting of the Swiss Chemical Society the Division of Chemical Education organises a symposium, which will focus on the use of artificial intelligence in teaching chemistry. Speakers will reflect on the potential of AI in chemistry

education and take a critical look at the opportunities and risks involved.

#### Program

- 09.30 Opening of the registration desk. Welcome coffee
- 10.45 Welcome and Introduction
- 11.00 Prof. Philippe Schwaller, EPFL
- 11.40 Prof. Silviya Markic, Ludwig Maximilian University of Munich
- 12.20 Lunch Break, Poster Session & Exhibition
- 14.00 Dr. Shahab Eghbali, COMSOL Multiphysics GmbH, Switzerland  
«Fostering Education via Modeling: Recent Advances and Perspectives»
- 14.40 Dr. Gerd Kortemeyer, ETH Zurich
- 15.20 Balmer Prize lecture 2025:  
Thomas Hari and Daniel Brunner, Gymnasium Thun
- 16.00 Session Closure

#### Contact and Chair

Prof. Jan Cvengros, ETH Zurich

#### Website

<https://chemedu25.scg.ch>

## Ilmac Conference 2025



September 16–18, 2025, Messe Basel

The Ilmac Conference Basel 2025 invites you to discover the latest developments and innovations with a direct link to applications and industrial processes in the chemical and pharmaceutical sector. This year, the 4<sup>th</sup> Swiss Green & Sustainable Chemistry Days will showcase successful approaches as well as trends and outlooks in Transforming Innovative R&D into Sustainable Chemical Practices. The first day will focus on Artificial Intelligence (AI) and digital methods, the second day on sustainable applied methods and enabling key technologies and the third day on biotech and biomanufacturing.

approaches as well as trends and outlooks in Transforming Innovative R&D into Sustainable Chemical Practices. The first day will focus on Artificial Intelligence (AI) and digital methods, the second day on sustainable applied methods and enabling key technologies and the third day on biotech and biomanufacturing.

Register for free with the **SCS PrioCode**: *scs-ilmac25*

### Tue, September 16, 2025 Artificial Intelligence (AI) and Digital Methods



*Scientific committee:* Claudio Battilocchio (Syngenta), Fabrice Gallou (Novartis)

Within less than a decade, Artificial Intelligence and digital technologies have transformed the way to envision and conduct chemistry. From conceptual and design aspects, to process intensification and optimization, or gains in productivity, taken alone or combined with

automation, these breakthroughs have profoundly disrupted traditional workflows.

#### Program

- 10.00 Prof. Philippe Schwaller, EPFL Lausanne  
«Teaching Language Models to Speak Chemistry»
- 10.30 Dr. Loïc Roch, Atinary Technologies Inc., Lausanne  
«AI-Driven and Self-Driving Labs Technologies to Accelerate R&D»
- 11.00 Coffee Break
- 11.15 Prof. Alexei Lapkin, University of Cambridge, UK  
«Key role of AI in delivery of sustainable chemical solutions»
- 12.00 Q&A session and discussion
- 12.15 Lunch Break
- 13.30 Dr. Marwin Segler, Microsoft, London, UK  
«How AI can Impact Chemistry in the Age of Large Models»
- 14.15 Dr. Patrick Ruch, IBM, Zurich  
«Multimodal Data Capture and Modeling in AI-Driven Scientific Discovery»
- 14.45 Break
- 15.00 Ms. Maks Kiamos Shah, Syngenta Crop Protection AG  
«It All Starts with Data@Scale»
- 15.30 Panel Discussion
- 16.30 Aperitif
- 17.00 Ilmac Party

#### Ilmac Party

Be part of the celebration of Ilmac's 66th anniversary and enjoy an evening full of exciting encounters and inspiring conversations in the Bamboo Nest

Get your ticket on <https://www.ilmac.ch/66-jahre-ilmac/>

### Wed, September 17, 2025 Sustainable Applied Methods and Enabling Key Technologies



*Scientific committee:* Claudio Battilocchio (Syngenta), Fabrice Gallou (Novartis), Edouard Godineau (Syngenta), Niklaus Künzle (Lonza)

Sustainability is becoming a top priority in the chemical industry, with increasing visibility and urgency for innovative design, impactful metrics, and enabling technologies. The symposium

provides a platform for general trends, visionary approaches, and concrete applications like flow chemistry, mechanochemistry and innovative catalytic approaches.

#### Program

- 09.30 Prof. John C. Warner, CEO&CTO, The Technology GreenHouse, USA  
«Green Chemistry: The Missing Elements»
- 10.15 Dr. Michael Luescher, Novartis Pharma AG, Basel  
«Data Driven Decision Making Towards Sustainable Process Development»
- 10.45 Coffee Break
- 11.00 Dr. David Linder, F. Hoffmann-La Roche, Basel  
«From Flow Chemistry to Continuous Processing: Shifting the Mindset in Drug Synthesis»
- 11.30 Prof. André Bardow, ETH Zurich  
«To Sustainability and Beyond! A Computer-Aided Story on a Circular Chemical Industry»
- 12.00 Panel Discussion (Morning Speakers)  
moderated by Anna Bozzi, scienceindustries
- 12.45 Lunch Break
- 14.00 Prof. Duncan Browne, University College London, UK  
«Mechanochemistry: Chemical Synthesis without Bulk Reaction Solvent»
- 14.45 Prof. Francesca Paradisi, University of Bern  
«Implementation of Enzymes in Amine-Focussed Processes»
- 15.15 Prof. Riina Aav, Tallinna Tehnikaülikool, EE  
«Mechanochemical Synthesis: From Small Molecules to Cavitands»
- 15.45 Q&A Session
- 16.00 Aperitif
- 16.30 Swiss Women in Science Networking Event

### Thu, September 18, 2025 Biotech and Biomanufacturing – Sustainability in Biotechnological Processes and Products



*Scientific committee:* Sonia Thomson (FHNW), Max Murone (SBA), Hanspeter Meyer (SATW), Roland Wolgemuth (SKB)

Biotechnology is revolutionizing how we produce chemicals and pharmaceuticals. From alternative production methods like biocatalysis, to the production of modalities like biosimilars, anti-

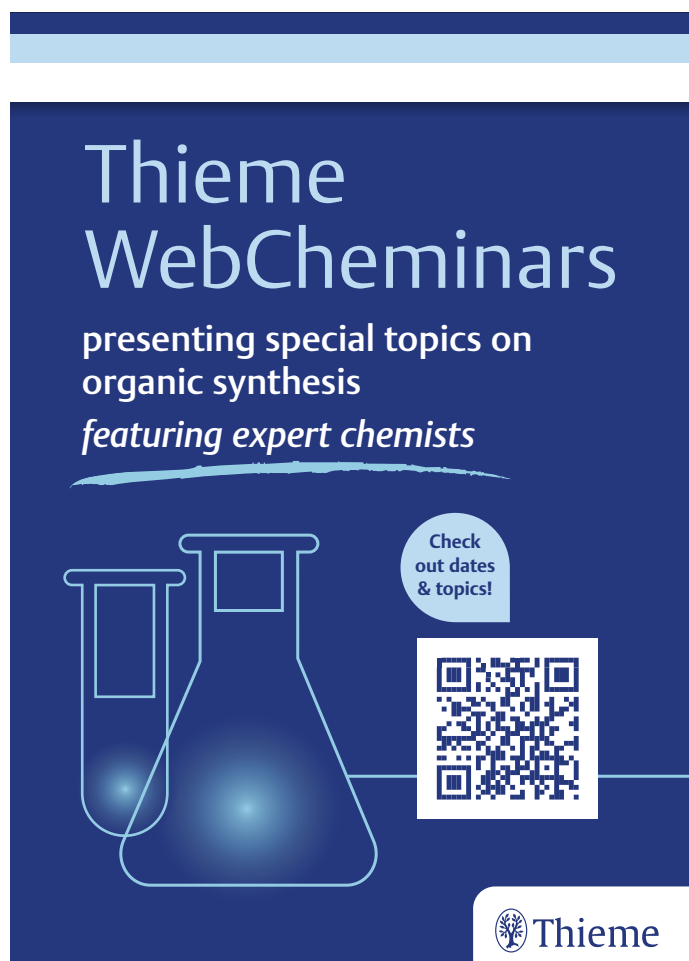
body-drug conjugates (ADCs), and synthetic mRNA vaccines, biomanufacturing innovations are opening new frontiers for efficiency and sustainability.

**Program**

- 09.00 Welcome Coffee  
 09.30 Dr. Anne Marie de Jonge–Schuermans, Sandoz, Basel  
 «Manufacturing Strategies for Biosimilars»  
 10.00 Prof. Rebecca Buller, University of Bern  
 «Engineering Protein Catalysts for Synthetic Applications»  
 Coffee Break  
 10.30 Dr. Bernd Schlereth, Araris Biotech, Au  
 «Novel Linker and Bioconjugation Technology for the  
 Production of Next Generation ADC Candidates with  
 Improved Therapeutic Index (TI)»  
 11.15 Dr. Florian Kleinbeck, Novartis Pharma AG, Basel  
 «Biocatalysis in Chemical R&D at Novartis – Leveraging  
 its Full Potential Throughout All Development Stages»  
 11.45 Panel Discussion (Morning Speakers)  
 moderated by Sonia Thomson, Communications special-  
 ist for science, technology and innovation, FHNW  
 Muttenz  
 12.30 Lunch Break  
 13.30 Prof. Steven Pascolo, University Hospital UZH  
 «Synthetic mRNA Vaccines: the Past, the Present and the  
 Future»  
 14.00 Dr. Carmen Jungo Rhême, HEIA Fribourg  
 «Quality by Design-Driven Process Characterization  
 of Bacteriophage Production to Combat Antimicrobial-  
 Resistant *P. aeruginosa*»  
 14.30 Dr. Serena Bisagni, F. Hoffmann-La Roche AG  
 «Biocatalysis at Roche: Recent Examples»  
 15.00 Q&A Session/Discussion  
 15.30 Aperitif



**Websites**

Ilmac: <https://ilmac.ch> / Ilmac Conference: <https://scg.ch/ilmac>



**Thieme  
WebCheminars**  
 presenting special topics on  
 organic synthesis  
 featuring expert chemists

Check out dates & topics!



**Swiss Chemistry Science Night 2025**

September 19, 2025, 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](mailto:info@scg.ch) to inquire about opportunities to participate.

**Swiss Snow Symposium 2026**

January 15–17, 2026, Saas-Almagell

The youngSCS happily welcomes you again in Saas-Almagell for the 23<sup>rd</sup> 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-to-

gethers at the hotel bar and snow activities such as skiing, sledging and snow shoeing on the slopes of the Allalin-Mountain.

**Website:**

<https://sss26.scg.ch>

**6<sup>th</sup> Swiss Industrial Chemistry Symposium, SICS 2026**

January 30, 2026, Biozentrum 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.

**Invited Lectures (30min)**

- Dr. Fides Benfatti, Dr. Federico Dapiaggi, Syngenta
- Dr. Daniel Hunziker, Dr. Serena Fantasia, Roche
- Dr. Rafael Bermeo, Dr. John Lopez, Novartis
- Dr. Lionel Saudan, dsm-firmenich
- Dr. Dominique Roberge, Lonza
- Dr. Lorena de Luca, Givaudan

**SCS Senior Industrial Science Award Lecture 2025**

- Dr. Henrik Möbitz, Novartis

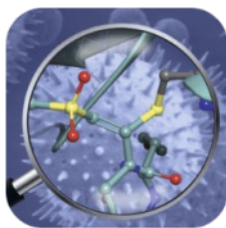
**Short talks (20min)**

- Dr. Thomas Debnar, Siegfried
- Dr. Michal Shoshan, metaLead Therapeutics
- Dr. Alessandro Castrogiovanni, Dr. Francesca Militano, Merck
- Dipl. Ing. Valentin Lair, Deasyl
- Dr. Trung Cao, Cilag, a J&J Company

**Website:**

<https://sics26.scg.ch>

## DMCCB Basel Symposium 2026



February 5, 2025, Biozentrum Basel

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 will bring together leading experts to explore cutting-edge strategies for overcoming these hurdles in drug discovery.

This event is designed to engage professionals and students alike, offering a platform for fruitful discussions and collaboration.

Website: <https://dmccb26.scg.ch>

## NON-SCS CONFERENCES IN SWITZERLAND, SCS SUPPORTED EVENTS ABROAD

### 3<sup>rd</sup> International Conference on Contaminated Sediments 2025 (ContaSed)

September 2–4, University of Bern

Following ContaSed 2021, ContaSed2025 will focus on natural and anthropogenic contaminants, primarily on emerging and already regulated organic pollutants, metallorganics, heavy metals, microplastics and algae toxins. A Session is dedicated to risk assessment, remediation and policy. Contributions with empirical or modelling studies are welcomed.

Website: <https://www.oeschger.unibe.ch>

### Swiss Automation 2025

September 11, OST Ostschweizer FH Rapperswil-Jona

14. Symposium on Lab Automation & Symposium on Robotics and Industrial Automation: Focus topic «AI and AUTOMATION». Experts from the field of automation and instrumentation in the medical and life science sector will present their latest insights for their peers. The focus will be on «AI and AUTOMATION» in the context of innovations and innovative development approaches for laboratory automation.

Website: <https://www.ost.ch>

### Conference on Safe and Sustainable by Design 2025 SSbD25

November 10–12, 2025, Zurich tbd.

The SSbD25 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 SSbD.

Website: <https://iriss-ssbd.eu/iriss/ssbd25>

### 50 Year Giese Reaction

January 29–30, 2026, University of Fribourg

Two-day symposium to celebrate the 50<sup>th</sup> anniversary of the Giese Reaction with focus on radical chemistry.

Registration fee is 20 CHF and 10 CHF for students.

### Program Thursday, January 29, 2026

Session 1: History of Radicals

09.30 A Play with experiments: “The Life of Radicals”, PART 1  
Protagonists and Experimentalists: Katharina M. Fromm/Fribourg; Uli Lüning/Kiel; Helma Wennemers/Zürich; Dennis Curran/Pittsburg

10.30 Coffee Break

11.00 A Play with experiments: “The Life of Radicals”, PART 2  
Protagonists: Hendrik Zipse/Munich; Eric Meggers/Marburg; Dennis Curran/Pittsburg; Ned Porter/Nashville; Bernd Giese/Fribourg; Uli Lüning/Kiel

12.00 Lunch Break & Poster Session

Session 2: Radicals & Light; Intro & Mediator: Eric Meggers/Marburg

13.30 Paolo Melchiorre / Bologna

14.15 Sunggi Lee/Daegu

15.00 Coffee Break

16.00 Dmitri Katayev/Bern

16.45 Ai-Lan Lee/Edinburgh

17.30 Apéro

### Program Friday, January 30 2026

Session 3: Radicals & Synthesis; Intro & Mediator: Dennis Curran/Pittsburg

09.00 David Martin/Grenoble

09.45 Daniele Leonori/Aachen

10.30 Coffee Break

11.00 Armido Studer/Münster

12.00 Lunch Break & Poster

Session 4: Radicals & Biological Systems; Intro & Mediator: Ned Porter/Nashville

13.30 Uta Wille/Melbourne

14.15 Ping Wang/Shanghai

15.00 Coffee Break

15.30 Thomas Ward/Basel

16.15 Bernd Giese/Fribourg

17.00 End of Symposium

## SCS LECTURESHIP AWARDS



**Prof. Yamuna Krishnan**, University of Chicago, USA (photo: [uchicago.edu](http://uchicago.edu))

Prof. Krishnan and her group seek to answer fundamental questions such as how the chemical composition of an organelle, which has been optimized over evolutionary timescales, impacts its function at the sub-cellular level.

Tour dates:

Mon, Sep 8:	University of Geneva
Tue, Sep 9:	EPFL Lausanne
Wed, Sep 10:	University of Fribourg
Thu, Sep 11:	University of Bern
Fri, Sep 12:	University of Basel
Mon, Sep 14:	University of Zurich
Tue, Sep 15:	ETH Zurich

Tour organizer: Prof. Beat Fierz, EPFL Lausanne

