

## Freiburger Symposium, a Well-Established Platform

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. The event is organized by the SCS Division of Industrial & Applied Chemistry (DIAC).

### Poster Session

The symposium also offers an excellent platform to exchange research results in form of posters. The two best student presentations will be awarded with the Best Poster Award, that includes a certificate and prize money of 200 CHF each. If you are interested in presenting your project, please apply for a poster presentation during the registration process (title only, abstract is not mandatory).

### Registration and Deadlines

Registration and application for a poster 9<sup>th</sup> March 2025  
Registration without poster 16<sup>th</sup> March 2025

### Conference Fees

The registration fees include a 2-day conference pass incl. coffee and lunch. Accommodation is not included.

- DIAC members	CHF 600
- Other members of SCS and members of SVAN, SGVC	CHF 640
- Others	CHF 800
- Retired persons	CHF 350
- Students and postdocs	CHF 100
- Optional symposium dinner on April 3, 2025	+CHF 100

### Contacts

Co-Chairs

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

Conference Secretariat

- Sarah Schmitz, Swiss Chemical Society, [info@scg.ch](mailto:info@scg.ch)

### The event is supported by

 **dottikon**  **dsm-firmenich**  **Lonza**

 **NOVARTIS**  **PHARVARIS**  **Roche**  **syngenta**

 **Anton Paar**  **büchi glasuster**  **COMSOL**  **fluitec**  
mixing + reaction solutions

 **SYSTAG**

[fs25.scg.ch](http://fs25.scg.ch)

SCS Division of  
Industrial & Applied Chemistry (DIAC)

## 17<sup>th</sup> Freiburger Symposium 2025 «Sustainable Chemistry – from R&D to Manufacturing»

3-4 April 2025  
School of Engineering & Architecture Fribourg



Haute école d'ingénierie et d'architecture Fribourg  
Hochschule für Technik und Architektur Freiburg



Swiss Chemical Society (SCS)  
Haus der Akademien  
Laupenstrasse 7  
3008 Bern  
[info@scg.ch](mailto:info@scg.ch)  
[scg.ch/diac](http://scg.ch/diac)

**SCS**  
Swiss Chemical  
Society  
**Division of  
Industrial &  
Applied Chemistry**

## Thursday, 3 April 2025

---

08.30 Opening of the symposium's reception desk  
Welcome Coffee

---

09.30 Address of welcome by  
**Dr. Niklaus Künzle**, Lonza AG, President of the DIAC, **Dipl. Ing. Urban Jenelten**, dsm-firmenich Ltd., **Dr. Maurus Marty**, dsm-firmenich Ltd., **Dr. Roger Marti**, HEIA-FR

### Session 1: R4 (Reduce, Reuse, Repurpose, Recycle)

09.45 **Dr. Brian Schwegler**, Lonza AG  
*«Carbon Footprint Reduction in the Pharmaceutical Industry Through Innovative Solvent Recovery»*

10.30 **Dr. Lynda Si-Ahmed**, Metalor Technologies SA and **Frank Bühler**, Bayer CropScience Schweiz AG  
*«Circular Economy for Precious Metals Catalyst»*

11.15 **Dr. Sebastiano D'Angelo**, Syngenta Crop Protection AG  
*«Syngenta's Early Stage Framework to Quantify Climate Impacts of New Active Ingredients»*

---

12.00 Exhibitor Talk: **Marlies Moser** and **Finn Steinemann**, Fluitec mixing + reaction solutions AG

---

12.15 Lunch Break, Poster Session and Exhibition

### Session 2: Manufacturing Excellence / AI

14.00 **Prof. Philippe Schwaller**, EPFL Lausanne and **Dr. Raphael Bigler**, F. Hoffmann-La Roche AG  
*«Combining HTE and Data Science to Optimize Chemical Processes»*

14.45 **Matteo Scalabrino** and **Raphael Pochard**, Syngenta Crop Protection AG  
*«Synergy Between Manufacturing Excellence and Sustainable Manufacturing at Syngenta»*

---

15.30 Coffee Break

---

16.00 **Jorge Gamara**, Holcim Ltd.  
*«Optimizing Cement Plant Maintenance with Digital Solutions»*

16.45 Keynote Lecture: **Jürgen Wieland**, Novartis Pharma AG  
*«Environmental Sustainability in Pharma – Beyond Green Chemistry»*

---

19.00 Aperitif and Symposium Dinner

---

## Friday, 4 April 2025

---

08.30 Morning Coffee

### Session 3: Sandmeyer Award Lectures

09.00 Sandmeyer Award Lecture 2024:  
**Prof. Urs von Gunten** and **Dr. Christa McArdell** as representatives of the Eawag winner team  
*«Advanced Wastewater Treatment by Ozonation for Abatement of Micropollutants from Municipal Wastewater Effluents»*

09.45 Sandmeyer Award Lecture 2025:  
**Dr. Stephan Bachmann**, F. Hoffmann-La Roche AG as representative of the winner team  
*«A Highly Atroposelective Negishi Coupling enables the Commercial Manufacturing Process of Divarasil»*

---

10.30 Coffee Break

### Session 4: Green Process Chemistry

11.00 **Prof. Eva Hevia**, University of Bern  
*«Exploiting Sustainable Polar Organometallics for Arene Functionalisation and Catalysis»*

11.45 **Dr. Tobias Brüttsch**, Dottikon ES and **Dr. Stephan Rummelt**, F. Hoffmann-La Roche AG  
*«Development of the Commercial Manufacturing Process for Inavolisib»*

---

12.30 Lunch Break, Poster Session and Exhibition

---

14.00 **Dr. George Lem**, dsm-firmenich Ltd.  
*«A Brief Survey of Recent Dry Woody and Ambery Odorants»*

14.45 **Prof. Siegfried Waldvogel**, Max-Planck-Institut für Chemische Energiekonversion (MPI CEC) in Mülheim an der Ruhr  
*«Electrifying Organic Synthesis – an Elegant Way to Oxygenated Products»*

---

15.30 Best Poster Award Ceremony

15.45 Symposium Closure & Aperitif

---