

Freiburger Symposium, a Well-Established Platform

The objective of this biennial conference is to regularly provide our members and any interested chemists working in process development and production with opportunities for professional training and networking. It's the 16th event in this series that 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, no abstract needed).

Registration and Deadlines

Registration and application for a poster	16 th March 2023
Registration as participant without a poster	31 st March 2023

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 SVC, SGVC	CHF 640
- Non-SCS members	CHF 800
- Retired persons	CHF 350
- Students and postdocs	CHF 100
- Optional symposium dinner on April 27, 2023	+CHF 100

Contacts

Co-Chairs

- Dipl. Ing. Urban Jenelten, Firmenich SA, Geneva
- Prof. Roger Marti, HEIA-FR, Fribourg

Conference Secretariat

- Sarah Schmitz, Swiss Chemical Society, info@scg.ch

The event is supported by



fs23.scg.ch

16. Freiburger Symposium SCS Division of Industrial & Applied Chemistry

«From Lab to Industrial Application - Trends/Innovation in Process Chemistry & Technology»

27-28 April 2023
School of Engineering & Architecture, Fribourg



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

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

Thursday, 27 April 2023

- 08.30 Opening of the symposium's reception desk
Welcome Coffee
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- 09.30 Address of welcome by
Dr. Roger Marti, HEIA-FR, President of the DIAC
Dipl. Ing. Urban Jenelten, Firmenich SA, Chairman of the OC
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- 09.45 **Dr. Michael Dieckmann**, Syngenta Crop Protection AG
«*Development and Scale-up of a Novel Photochemical C-N Oxidative Coupling*»
- 10.30 **Dr. Pascal Miéville**, EPF Lausanne, **Dr. Paco Laveille**, ETH Zurich
«*Swiss CAT+, a Data-driven Autonomous Research Infrastructure for New Catalyst Discovery and Optimization*»
-
- 11.15 **Dr. Thierry Schlama**, Novartis Pharma AG
«*From Lab Feasibility Studies to Full Scale Manufacturing, an Overview of Biocatalysis at Novartis Pharma - A Journey Towards Sustainable Catalysis*»
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- 12.00 Exhibitor Talks
ProMinent Dosiertechnik AG, Regensdorf
Willy A. Bachofen AG, Muttenz
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- 12.45 Lunch Break, Poster Session and Exhibition
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- 14.00 **Dr. Kathrin Junge**, Leibniz-Institut für Katalyse, Rostock
«*Sustainable Reduction of Carboxylic Acid Derivatives Applying Non-Noble Metal Based Catalysts*»
- 14.45 **Dr. Julia Witte**, **Dr. Roman Goy**, DSM Nutritional Products Ltd.
«*Application of Advanced Membrane Technology in the Food and Pharma Sector – the Journey from the Idea to Production*»
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- 15.30 Coffee Break
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- 16.00 **Dr. Jan C. van der Waal**, TNO, Delft (NED)
«*Process Intensification at TNO for a Sustainable Chemical Industry*»
- 16.45 Keynote Lecture (Nobel Prize Winner in Chemistry 2021)
Prof. David MacMillan, University of Princeton (USA)
«*The Development of Asymmetric Organocatalysis and Metallaphotoredox*»
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- 19.00 Aperitif and Symposium Dinner
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Friday, 28 April 2023

- 08.30 Morning Coffee
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- 09.00 Sandmeyer Award Lecture 2022
Dr. Theodoro Laino, IBM Research Europe, Zurich
«*Fueling the Digital Chemistry Revolution with Language Models*»
- 09.45 Sandmeyer Award Lecture 2023
Dr. Boris Schilling and **Dr. Fridtjof Schröder**, Givaudan Schweiz AG
«*Sustainable Production of (-)-Ambrox: Chemistry meets Biocatalysis*»
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- 10.30 Coffee Break
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- 11.00 **Dr. Alfred Stutz**, Dottikon Exclusive Synthesis AG, **Dr. Philipp Kohler**, Idorsia Pharmaceuticals Ltd.
«*Process Development of an Energetic Bromoacetylene and Kilogram-Scale Production of LpxC Inhibitor ACT-1003-3570*»
- 11.45 **Dr. Anaïs Jolit**, DRT- Firmenich
«*From Pine to Perfume: Valorization of Softwood Extracts for the Preparation of Renewable Ingredients for the Fragrance Industry*»
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- 12.30 Lunch Break, Poster Session and Exhibition
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- 14.00 **Dr. Antoine Klaue**, Lonza AG
«*Impact of Process Re-Design on Sustainability in Pharmaceutical Small Molecule Manufacturing: A Case Study*»
- 14.45 **Dr. Jörg Sedelmeier**, F. Hoffmann-La Roche Ltd.
«*Taming Highly Energetic Materials with Flow Technologies to Enable API Supplies for Clinics and Beyond*»
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- 15.30 Best Poster Award Ceremony
- 15.45 Symposium Closure & Aperitif
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