Conference Venue

School of Engineering and Architecture of Fribourg Bd de Pérolles 80, CH-1700 Freiburg Auditoire « Edouard Gremaud », Building A www.heia-fr.ch/de/kontakt

Registration

Please register online on fs21.scg.ch.

Deadline for registration: 26th March 2021 Deadline for poster abstracts: 31st January 2021

Poster Session

A poster session is organized during lunch on Thursday 22 April. A total of 30 posters will be accepted. If you are interested in presenting your project, please submit an abstract while registration. The abstract template is available as Word file on the website.

Conference Fees

The registration fees include access to conference sessions, lunch and all-day refreshments and conference documents. If the event will be online due to Covid-19, we will reduce the fees accordingly.

- CHF 600.- DIAC members
- CHF 640. other members of SCS and members of SVC
- CHF 800.- Non-SCS members
- CHF 350.- Retired persons
- CHF 100.— Students and postdocs

Optional: symposium dinner on Thursday evening: CHF 100.-

Contact /Secretariat

Chair: Dr. Urban Jenelten, Firmenich SA, Geneva Co-Chair: Dr. Roger Marti, HEIA Freiburg

Hochschule für Technik und Architektur Freiburg (HEIA-FR)

Ms. Christine Aebischer Phone: +41 (0)26 429 67 01 Email: chemie@hefr.ch

The event is supported by



















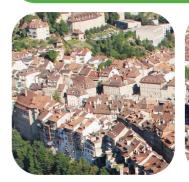


www.fs21.scg.ch

15. Freiburger Symposium Industrial and Applied Chemistry

«Industrial & Applied Chemistry 4.0: Current and Future Trends in Chemical Production»

22-23 April 2021
School of Engineering & Architecture of Fribourg (or online via Zoom*)





*Depending on the Covid-19 situation

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



SCS
Swiss Chemical
Society
Division of
Industrial &
Applied Chemistry

Program

Thursday, 22 April 2021

08.45	Opening of the symposium's reception desk Welcome coffee
09.30	Opening of the 15. Freiburger Symposium Address of welcome by Dr. Roger Marti, HEIA-FR and President of the DIAC Dr. Urban Jenelten, Firmenich SA and Chairman of the OC
09.45	«Going with the Flow – The Use of Continuous Processing in Organic Synthesis»
	Dr. Oliver Kappe, Uni Graz, Austria
10.30	«Continuous manufacturing toolbox and its application to projects from lab to pilot scale - Including Data Science Aspects»
	Dr. Serena Mostarda, Novartis AG, Basel, Switzerland
11.15	«From Batch to Conti: Development & design of an industrial scale conti process incl. modelling approach
	Dr. Harvey Randall, Firmenich SA, La Plaine, Switzerland
12.00	3x 10min short talks Lunch break
14.00	«How to apply Machine Learning to industrial data» Dr. Sylvie Roussel, Ondalys, France
14.45	«Data Mining, Visualization, and Modelling in the Pharmaceutical Industry using SEEQ» Dr. Helge Engelking, Lonza AG, Basel, Switzerland
15.30	3x 10min short talks Coffee break
16.30	«Design of experiments, design of simulations: How to integrate model knowledge to maximize the information content of data» PD. Dr. Michael Bortz, Fraunhofer ITWM, Kaiseraugst, Switzerland
17.15	Keynote Lecture <i>«Digitalization @ Linde: Principles for Success»</i> Ing. Philipp Karmires, Chief Digital Officer, Linde, Switzerland

19.30 Aperitif and Symposium Dinner

Friday, 23 April 2021

08.30	Opening of the symposium's reception desk Coffee
09.00	Sandmeyer Award Lecture 2020: «Development of the Commercial Manufacturing Process for Ipatasertib»
	Dr. Andreas Schuster as representative of the Ipatasertib Team at F. Hoffmann La-Roche, Basel and Dr. Christoph Strasser, Dottikon Exclusive Synthesis AG, Switzerland
	Switzeriand
09.45	Sandmeyer Award Lecture 2021
	Winners 2021 will be announced in early 2021.
10.30	Coffee break
11.00	«Online measurements & Preventive Diagnostics» Dr. Hernan Aguiar Garcia, Syngenta Crop Protection, Basel, Switzerland
11.45	«Catalyst Optimization» Prof. Anne-Clemence Corminboeuf, NCCR - ETH/EPFL, Switzerland
12.30	Lunch break
13.30	«Next Generation Manufacturing at Biogen – PAT as an Enabler for Enhanced Process Control in Commercial Antibody Manufacture»
	Dr. Oliver Steinhof, Biogen, Baar, Switzerland
14.15	«Process Analytical Technology: Smart tools or expensive toys? »
	Dr. Hans-Peter Nirmaier, Lonza AG, Basel, Switzerland
15.00	Best Poster Award – 5min Presentation
15.05	Closure of the Symposium
	Aperitif and Networking