

Conference Venue

The conference takes place on an e-conference platform. We use various tools to stimulate interaction between participants and to ensure the highest quality for the lectures. Please visit the website for more information.

Registration

Please register online on fs21.scg.ch.

Deadline for poster abstracts:

28th February 2021

Deadline for registration with invoice payment:

2nd April 2021

Poster Session

An online 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 conference documents.

- DIAC members	CHF 150
- other members of SCS and members of SVC	CHF 175
- Non-SCS members	CHF 200
- Retired persons	CHF 150
- Students and postdocs	free

Contact/Sekretariat

Chair: Dipl. Ing. Urban Jenelten, Firmenich SA, Geneva

Co-Chair: Dr. Roger Marti, HTA-FR, Freiburg

Hochschule für Technik und Architektur Freiburg (HTA-FR)

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The event is supported by



www.fs21.scg.ch

15. Freiburger Symposium SCS Division of Industrial & Applied Chemistry

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

22-23 April 2021 – Online Conference
Formal Host: School of Engineering & Architecture
of Fribourg



Swiss Chemical Society (SCS)
Haus der Akademien
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SCS
Swiss Chemical
Society
Division of
Industrial &
Applied Chemistry

Program

Thursday, 22 April 2021

- 08.00 Opening of the Zoom Conference room
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- 08.30 Opening of the 15. Freiburger Symposium
Address of welcome by
Dr. Roger Marti, HTA-FR, President of the DIAC
Dipl. Ing. Urban Jenelten, Firmenich SA, Chairman of the OC
- 08.45 «*Going with the Flow – The Use of Continuous Processing in Organic Synthesis*»
Prof. C. Oliver Kappe, University of Graz, Austria
- 09.30 «*Reductive Hydrosilylation Chemistry in Continuous Flow: A Toolbox Approach from Lab to Pilot Scale*»
Dr. Serena Mostarda, Novartis AG, Basel, Switzerland
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- 10.15 Short Break
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- 10.30 «*An industrial example of converting a Batch Fine-Chemical process Into a Continuous One*»
Dr. Harvey Randall, Firmenich SA, La Plaine, Switzerland
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- 11.15 3x 10min short talks
Fluitec mixing + reaction solutions AG
Bruker Switzerland AG
Büchi AG
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- 11.45 Lunch break & virtual Poster Session
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- 13.30 «*How to Apply Machine Learning to Industrial Data*»
Dr. Sylvie Roussel, Ondalys, France
- 14.15 «*Data Mining, Visualization, and Modelling in the Pharmaceutical Industry using SEEQ*»
Dr. Helge Engelking, Lonza AG, Visp, Switzerland
Engr. Joseph Reckamp, SEEQ Corporation
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- 15.00 Short Break
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- 15.15 «*Design of Experiments, Design of Simulations: How to Integrate Model Knowledge to Maximize the Information Content of Data*»
PD. Dr. Michael Bortz, Fraunhofer ITWM, Kaiserslauten, Germany
- 16.00 Keynote Lecture
«*Digitalization @ Linde: Principles for Success*»
Ing. Philipp Karmires, Chief Digital Officer, Linde, Germany
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Friday, 23 April 2021

- 08.30 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
- 09.15 Sandmeyer Award Lecture 2021: «*AmoMax®-Casale, a new catalyst for a greener and less energy consuming process for industrial large scale ammonia synthesis*»
Dr. Pierdomenico Biasi, Casale SA and **Dr. Rene Eckert**, Clariant Produkte (Deutschland) GmbH
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- 10.00 Short Break
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- 10.15 «*Online Measurements & Preventive Diagnostics*»
Dr. Hernan Aguiar Garcia, Syngenta Crop Protection, Basel, Switzerland
- 11.00 «*Data-driven Approaches to the Discovery and Classification of Homogeneous Catalysts*»
Prof. Clemence Corminboeuf, EPFL Lausanne, Switzerland / NCCR Catalysis & NCCR Marvel
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- 11.45 Lunch break
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- 12.45 «*Next Generation Manufacturing at Biogen – PAT as an Enabler for Enhanced Process Control in Commercial Antibody Manufacture*»
Dr. Oliver Steinhof, Biogen International GmbH, Luterbach, Switzerland
- 13.30 «*Process Analytical Technology: Smart Tools or Expensive Toys?*»
Dr. Hans-Peter Nirmaier, Lonza AG, Visp, Switzerland
- 14.15 Best Poster Award – 5min Presentation
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- 14.30 Closure of the Symposium
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