



Flow Chemistry Highlights

A CHIMIA Column

Selected Topic: SCS Seminar on Flow Chemistry 2022

The SCS Seminars are three-day education seminars that focus on topics that are relevant for the Swiss chemical and pharmaceutical industry.

This 2022 seminar will focus on relevant issues of flow chemistry, such as

- Batch to flow
- Flow reaction optimization
- Safety issues
- Scaling up
- Reactors and reactor design

Target Audience

The event targets PhD students, Postdocs as well as junior scientists from industry and will be led by senior scientists and designated experts from academia and industry.

There will be a good mix between

- Theoretical lectures,
- Reports of concrete projects from industry,
- Interactive workshops/panel discussions and
- Short presentations by participants

Each participant brings along a specific challenge out of their daily lab work and will present a poster.

Program Overview

Monday, 27. June 2022

10.00	Welcome and Opening of the Symposium
10.30	Dr. Marc-André Müller , DSM «Basic of Flow Chemistry I – Process intensification in industry»
11.30	Dr. Dominique Roberge , Lonza «Basic of Flow Chemistry II – Flow chemistry, the engineer's view»
12.30	Lunch Break
13.30	Dr. Claudio Battilocchio , Syngenta «Application of Flow Chemistry I – Batch to flow»
14.30	Prof. Dr. Roger Marti , HEIA-FR «Application of Flow Chemistry II – Application in synthesis»
15.30	Coffee Break
16.00	Visit HEIA-FR/ChemTech (Pilot Plant & Flow Lab)
18.30	Poster Session & Apéro, Supplier Booths Dinner

Tuesday, 28. June 2022

8.30	Dr. Michal Dabros , HEIA-FR «PAT Technology in Flow & Chemometrics»
9.30	Dr. Alexandra Kämpfer-Homsy , HE-ARC «Microfluidics in Bioanalytics»
10.00	Coffee Break
10.30	Workshop I with lecturers and suppliers
11.30	Workshop II with lecturers and suppliers
12.30	Lunch Break

13.30	Marlies Moser , Fluitec Supplier Presentation
14.30	Dr. Philippe Roth , Corning Supplier Presentation
15.30	Coffee Break
16.00	Dr. Samuel Bourne , Carbogen AMICS Industry Lectures – Case Study
17.00	Duncan Guthrie , Vapourtec Supplier Presentation
18.30	Symposium Dinner

Wednesday, 29. June 2022

08.30	Dr. Mathieu Lesieur , Solvias «C-H Oxidation/Organolithium bases in Flow»
09.30	Dr. Thomas Kretzschmar , Hitec-Zang Supplier Presentation
10.00	Coffee Break
10.30	Workshop III with lecturers and suppliers
11.30	Dr. Benjamin Martin , Novartis «Sustainability Aspects of Continuous Manufacturing»
12.30	Lunch Break
13.30	Workshop IV with lecturers and suppliers
14.30	Closure

Registration

Please register on flowsem22.scg.ch

Registration Fees: SCS Member / Non-Member

Students/Postdoc CHF 550 / CHF 650

Senior Participant CHF 650 / CHF 750

The registration fee covers accommodation (full board, single rooms), conference dinner, plus seminar charges. The number of participants is limited to 30.

Would you like to propose a Flow Chemistry Highlight topic here?

Please contact Agnieszka Ladosz or Benjamin Martin, E-mail: agnieszka.ladosz@idorsia.com; benjamin.martin@novartis.com