



# SCS Seminar 2017/1

## Process Chemistry

16.-18. January 2017

Au Parc Hotel, Fribourg



**SCS  
Foundation**  
Swiss Chemical  
Society

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c/o Swiss Chemical  
Society  
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## Program

### Monday, January 16, 2017

10.00	Registration and check-in to the Hotel
10.30	Basics of Process Chemistry I Dr. <b>Michael Bersier</b> , Lonza AG «Title of Talk»
11.30	Basics of Process Chemistry II Dr. <b>Thomas Smejkal</b> , Syngenta Crop Protection AG «Title of Talk»
12.30	Lunch and relocation to HEIA-FR
14.30	Basics of Process Chemistry III Dr. <b>Fabrice Gallou</b> , Novartis Pharma AG «Title of Talk»
15.30	Presentation and demo of the multipurpose plants at HEIA-FR Prof. <b>Roger Marti</b> , HEIA-FR «Title of Talk»
17.00	Break and relocation back to the Au Parc Hotel
18.00	Basics of Process Chemistry V Dr. <b>Elena Schaller</b> , Siegfried Evionnaz SA «Title of Talk»
19.00	Preparation of poster session
19.30	<b>Poster Session</b> and Dinner Buffet

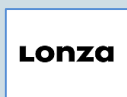
### Tuesday, January 17, 2017

07.00	Breakfast
08.30	Workshops introduction and formation of groups
09.00	<b>Parallel Sessions:</b> Inputs from Experts as preparation of the workshops A. Cost and time management B. Yield optimization and waste handling C. Energy and safety issues D. Regulatory affairs and patents
10.30	Coffee Break
11.00	<b>Workshops I</b> in the four groups A-D: Each participant analyzes his synthesis step/compound related to the specific field.
12.30	Lunch
14.00	<b>Workshops II</b> in the same four groups A-D: Each participant analyzes his synthesis step/compound related to the specific field.
15.30	Break
16.30	<b>Workshops III</b> in the same four groups A-D: Each participant prepares either a short talk (15min) or a poster about his issue.
17.15	Example from Industry - Expert Talk Dr. <b>Heiko Oertling</b> , Nestlé SA
18.15	Example from Industry - Expert Talk Dr. <b>Felix Flachsmann</b> , Givaudan
19.30	Aperitif and symposium dinner

### Wednesday, January 18, 2017

07.00	Breakfast
08.30	<b>Presentation</b> Highlights Workshop A Short Talks by 4 Participants
09.30	<b>Presentation</b> Highlights Workshop B Short Talks by 4 Participants
10.30	Coffee Break
11.30	<b>Poster session</b> with presentation of workshop results (all participants that don't give a short talk)
12.00	Lunch
13.30	<b>Presentation</b> Highlights Workshop C Short Talks by 4 Participants
14.30	<b>Presentation</b> Highlights Workshop D Short Talks by 4 Participants
16.00	Closing remark

## Teaching Body and Program Coordinator



Dr. **Michael Bersier**  
Lonza AG, Visp  
R&D Chemistry



Dr. **Fabrice Gallou**  
Novartis Pharma AG, Basel  
Chemical & Analytical Development



Dr. **Felix Flachsmann**  
Givaudan SA  
Fragrances S&T / Ingredients Research



Dr. **Heiko Oertling**  
Nestlé SA, **Lausanne**  
Aroma and Taste Impact



Dr. **Elena Schaller**  
Siegfried Evionnaz SA  
Head of R&D and PM



Dr. **Thomas Smejkal**  
Syngenta Crop Protection AG  
Research chemistry



Dr. **Pierre Brodard**,  
Dr. **Michal Dabros**,  
Dr. **Roger Marti**,  
Dr. **Ennio Vanoli**  
Institute of Chemical Technology (ChemTech)  
Haute école d'ingénierie et d'architecture Fribourg



Prof. **Christian Bochet**  
University of Fribourg  
Program coordinator and SCS Board Member

## Location

Au Parc Hotel  
Route de Villars 37  
1700 Fribourg  
[www.auparc-hotel.ch](http://www.auparc-hotel.ch)

## Contacts:

### Chair of the Seminar

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### Conference Office

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## Costs

Students, PhD, PostDocs	SCS Members	CHF 200
	Non-SCS Members	CHF 300
Regular participants	SCS Members	CHF 400
	Non-SCS Members	CHF 600

## Registration

- Deadline for registrations is December 16, 2016
- Registration online on <http://scg.ch/scs-seminars/2017-1>
- A maximum of 65 participants will be considered.

## Preparation

Each participant has to...

- submit a short abstract of the current lab work at registration
- present a poster (format A0) on the first evening
- consider one step of a synthesis or the preparation of a compound that can be discussed for industrial scaling up.

## Certificate

Each participant will get a certification showing the acquired competences.

## SCS Seminar Series

The SCS Seminars are three-days educational event with a focus on topics relevant for the Swiss chemical and pharmaceutical industry but that are not necessarily part of the academic curricula. The SCS Seminar series targets PhD students, Postdocs as well as junior scientists from industry, and will be led by senior scientists and designated experts.

Active participation is key for all attendees. A good mix between

- theoretical lectures,
- reports of concrete projects from industry,
- interactive workshops/panel discussions and
- short presentations by participants

will guarantee a maximum of impact. Each participant brings along a specific challenge out of his daily lab work and will present a poster of the current work.

## SCS Seminar 2017/1: Process Chemistry

The first seminar in 2017 will focus on issues of process chemistry such as

- Production costs
- Efficiency and yield
- Energy consumption and power efficiency
- Time to market
- Safety issues
- Waste handling
- Regulations standards and patents

## Supporting Companies

### Teaching Body



### Sponsors



Swiss Academy of Sciences  
Akademie der Naturwissenschaftler  
Accademia di scienze naturali  
Académie des sciences naturelles

<http://scg.ch/scs-seminars/2017-1>