

13. Freiburger Symposium
Industrial and Applied Chemistry

Green Chemistry – from Concept to Industrial Reality

11/12 May 2017
School of Engineering & Architecture
of Fribourg



Swiss Chemical Society (SCS)
Haus der Akademien
Laupenstrasse 7
3008 Bern
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SCS
Swiss Chemical
Society
**Division of
Industrial &
Applied Chemistry**

Program

Thursday, 11 May 2017

- 09.00 Door opening – Opening of the symposium's reception desk,
Coffee
-
- 09.30 Opening of the 13. Freiburger Symposium
Address of welcome by
Dr. Roger Marti, HTA-FR
Dr. Bernhard Urwyler – Board Director of DIAC
Dr. Kerstin Bodmann – Introduction to the program
- 09.45 *Automatic Synthetic Design with Chematica*
Prof. Bartosz A. Grzybowski, Distinguished Professor of
Chemistry and IBS Group Leader, UNIST, South Korea
- 10.30 *New Dimensions in Process Innovation as Enabler for Green
Chemistry*
Dr. Olaf Wachsen, Clariant Produkte (Deutschland) GmbH
-
- 11.15 Le verre de l'amitié
- 11.45 *3 Ways to Efficiently Develop Green Crystallization Processes*
Dr. Levente Simon, BASF Schweiz AG
-
- 12.45 Lunch break
-
- 14.00 *Homogeneous Catalytic Hydrogenation Reactions towards
Fragrance and Flavor Industrial Applications*
Dr. Philippe Dupau, Firmenich SA
- 14.45 *Chlorination and Sulfonation Chemistry – More Sustainable
Approaches*
Dr. Jörg Schrickel, CABB AG
-
- 15.30 Coffee break
-
- 15.45 *Alternative Solvents: from a Compliance-driven Activity to a
Trigger for Innovation*
Dr. Fabrice Gallou, Novartis Pharma AG
- 16.30 Keynote Lecture: *Be Greener by Using Hazardous Reactions*
Dr. Markus Blocher, Dottikon Exclusive Synthesis AG
-
- 19.00 Aperitif and Symposium Dinner
-

Friday, 12 May 2017

- 08.30 Door opening – Opening of the symposium's reception desk,
Coffee
-
- 09.00 Sandmeyer Award Lecture 2017
*Efficient Industrial Synthesis of Idasanutlin via a Cu(I)-catalyzed
[3+2] Asymmetric Cycloaddition*
Dr. Stefan Hildbrand, F. Hoffmann-La Roche Ltd.
Dr. Daniel Fishlock, F. Hoffmann-La Roche Ltd.
- 10.00 Sandmeyer Award Lecture 2016
*Development of Commercial Organic Additives for the Grinding
of Inorganic Solids*
Dr. Martin Weibel, Sika Technology AG, Zurich
Prof. Hendrik Heinz, University of Colorado Boulder, USA
Dr. Ratan K. Mishra, Inst. for Building Materials, ETH Zurich
-
- 10.45 Coffee break
-
- 11.15 *CleanCow: A Methane Mitigation Strategy*
Dr. Maik Kindermann, DSM Nutritional Products
Dr. Daniel Lumpi, DSM Nutritional Products
- 12.00 *Synthetic Biology – Sesquiterpenes Production via Microbial
Fermentation*
Dr. Laurent Daviet, Firmenich SA
-
- 12.45 Lunch break
-
- 14.00 *Avoid, Reduce, Recycle – Efficiency and Recovery of Energy from
Waste*
Dr.-Ing. Anna Fellenberg, Lonza AG
- 14.45 *Innovative Solution of a Continuous Process Optimized
regarding Waste, Energy Consumption and Capacity
Optimization*
Laure Deslarzes, Syngenta Crop Protection Monthey
- 15.30 *Additional contribution*
(not yet confirmed)
-
- 16.15 Closure of the Symposium
-

Conference Venue

School of Engineering and Architecture of Fribourg
Bd de Pérolles 80
CH-1705 Freiburg
Auditoire « Edouard Gremaud », Building A

Registration

Please register online on
www.scg.ch/freiberger-symposium/2017.

Deadline for registration is 23 April, 2017.

Conference Fees

The registration fee includes access to conference sessions, lunch and all-day refreshments, wine reception and conference documents:

CHF 600.– DIAC members

CHF 640.– other members of SCS and members of SVC

CHF 800.– all other participants (non-SCS members)

CHF 350.– retired and unemployed persons

CHF 100.– students and postdocs

Optional symposium dinner on Thursday evening: CHF 80.–

Contact /Secretariat

Chair: Dr. Kerstin Bodmann, Lonza AG

Co-Chair: Dr. Roger Marti, HTA Freiburg

Freiberger Symposium 2017

Hochschule für Technik und Architektur Freiburg

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