



## Events

Congresses, Symposia, Lectures, Education Courses

### SCS CONFERENCES AND SYMPOSIA

#### International Conference on X-Ray Lasers 2020 (ICXRL 2020)



December 8–10, 2020, Online Conference  
The ICXRL was established to promote advanced extreme UV and X-ray sources, and their application in physics, (bio-)chemistry, and materials science. Joining ICXRL means experiencing the latest trends, and shaping the future progress. Latest results on state-of-the-art X-ray Free-Electron Lasers (XFEL) as

well as tabletop systems are presented. Educational modules are offered. Authors are encouraged to submit a paper for the SPIE monograph.

The program includes Keynote Lectures (30'), Contributed Lectures (15') and Short Communications/Poster (5').

#### Registration Fees

Keynote Speakers and SCS Members: free of charge

Contributed Lectures: CHF 100.00

Short Communications/Posters: CHF 50.00

Non-Presenters: free of charge

#### Organizer

Empa and Swiss Chemical Society

Chair: Dr. Davide Bleiner, Empa Dübendorf

#### Website and Registration

[scg.ch/icxrl/2020](http://scg.ch/icxrl/2020)

#### French Swiss Photochemistry Symposium 2021



January 20–22, 2021, University of Grenoble Alpes and online conference.  
Symposium to promote the exchange within the photochemistry community in Switzerland and France.

#### Registration deadline

December 31<sup>st</sup>, 2020

#### Keynote speakers

Dr Anne Zehnacke, Université de Paris-Saclay  
Prof. Claude Piguët, Université de Genève

#### Website and more information

[scg.ch/fsps/2021](http://scg.ch/fsps/2021)

#### DMCCB Basel Symposium 2021: «Targeting RNA by small molecules»



February 4, 2021, Pharmacenter, University of Basel.

The program of this interdisciplinary meeting will include renowned scientists from industry and academia with whom we will explore exciting novel chemical spaces of interest to chemical biologists, medicinal and agrochemists.

The topic of the 2021 edition of this one-day symposium is «Targeting RNA by small molecules»

The goal is to stimulate a stronger cooperation among persons working in different areas of medicinal chemistry and chemical biology. Scientists from applied and fundamental research, from industry, education, and regulation are welcome.

The DMCCB Symposium 2021 is planned as an on-site event. However if the government restrictions due to COVID-19 will not allow us to do so, the symposium will take place as an online event.

#### Website and registration

[scg.ch/dmccb-basel-symposium/2021](http://scg.ch/dmccb-basel-symposium/2021)

#### DMCCB Session at the LS<sup>2</sup> Annual Meeting



February 18–19, 2021, University of Geneva (online conference)

Topic: “Mechanisms in health, disease and ageing”

The LS<sup>2</sup> Annual e-Meeting brings together scientists from all nations and backgrounds to explore the large spectrum united under the umbrella of Life Sciences. This year, with the online format, researchers from all over the world will be able to attend

without the need to travel.

#### Program

The program includes plenary lectures, a symposium organized by and for young scientists with two workshops, our already famous PIs of Tomorrow session and scientific symposia organized by our sections and partners. One of these symposia is organized by the SCS Division of Medicinal Chemistry & Chemical Biology with the focus on “Chemical Biology and Drug Discovery”.

#### Confirmed Plenary speakers

- Tony Wyss-Coray, Stanford University, US
- Dario Valenzano, Max Planck Institute for Biology of Ageing, Cologne, DE
- Katrien De Bock, ETHZ, Zurich, CH
- Alice Berhin, Université Catholique de Louvain, BE

**Organizer**LS<sup>2</sup> and DMCCB

Chair: Prof. Mario Tschan, University of Bern

**Website and Registration**[annual-meeting.ls2.ch](http://annual-meeting.ls2.ch)**Frontiers in Medicinal Chemistry (Joint event with GDCh)**

March 7–11, 2021, Darmstadt (GER)  
Symposium to discuss current developments, novel approaches, and cutting-edge technologies in the field of medicinal chemistry and drug research.

**Program**

The scientific program includes plenary lectures, short talks and poster presentations. Oral communications and (post)doctoral junior scientists (young investigators) will be considered.

**Organizer**

GDCh MedChem and SCS DMCCB

Chair: Prof. Felix Hausch, Technical University Darmstadt

**Website and Registration**[gdch.de/medchem2021](http://gdch.de/medchem2021)**Future of Chemical Education (ChemEdu) 2021**

April 14, 2021, FHNW, Muttenez  
The SCS Division of Chemical Education organises this annual symposium for those involved in teaching chemistry at different levels such as Sek I, Sek II, Universities of Applied Sciences (FH) and Universities. The major objective of the 2021 symposium are the challenges related to teaching chemistry in the first

year of the studies at the university.

Professors and teachers from all Swiss universities and also external speakers will share their view, experience, strategies and solutions gained and developed while dealing with the chemistry courses for a large body of students, who just recently left the high schools and commenced their studies at the university.

**Organizer**

SCS Division of Chemical Education

Chair: Dr. Jan Cvengros, ETH Zurich

**Website and Registration**[scg.ch/chemedu/2021](http://scg.ch/chemedu/2021)**SCS Spring Meeting 2021  
“Chemistry and the Environment”**

April 15, 2021, FHNW, Muttenez  
The Swiss Chemical Society Spring Meeting is a one day symposium and provides a high quality program with national and international speakers on a certain topic.

To provide a platform for the community of the recently formed SCS Section of Chemistry and the Environment' the

2021 edition of the SCS Spring Meeting will be dedicated to this important topic.

**Program / Confirmed Speakers**

- Prof. Ioannis Katsogiannis, Aristotle University of Thessaloniki, GR
- Prof. Lucy Carpenter, University of York, UK
- Prof. Tamara Galloway, University of Exeter, UK
- Dr. Michael Sander, ETH Zurich, CH
- Prof. Wendy Queen, EPFL Lausanne, CH
- Prof. Arturo Keller, UC Santa Barbara, USA
- Dr. Claudio Screpanti, Syngenta, CH
- Dr. Bettina Hitzfeld, Federal Office for the Environment (FOEN)

During lunch time the Swiss Chemical Society holds its annual General Assembly. All members are cordially invited to join.

**Organizer**

SCS Section Chemistry and the Environment

Chair: Prof. Kathrin Fenner, University of Zurich / Eawag

**Website and Registration**[scg.ch/springmeeting/2021](http://scg.ch/springmeeting/2021)**Freiburger Symposium 2021**

April 22–23, 2021, HEIA Fribourg  
“Industrial & Applied Chemistry 4.0”

The objective of this biennial conference is to regularly provide our members and other interested chemists working in process development and production with opportunities for professional training and networking.

**Speakers and Lectures**

- Prof. Christian Oliver Kappe, University of Graz  
“Going with the Flow – The Use of Continuous Processing in Organic Synthesis”
- Dr. Serena Mostarda, Novartis Pharma AG  
“Continuous manufacturing toolbox and its application to projects from lab to pilot scale – Including Data Science Aspects”
- Dr. Harvey Randall, Firmenich SA  
“From Batch to Conti: Development & design of an industrial scale conti process incl. modelling approach”
- Dr. Sylvie Roussel, Ondalys  
“How to apply Machine Learning to industrial data”
- Dr. Helge Engelking, Lonza AG, Lecturer from SEEQ Corporation  
“Data Mining, Visualization, and Modelling in the Pharmaceutical Industry using SEEQ”
- PD Dr. Michael Bortz, Fraunhofer ITWM Kaiserslautern  
“Design of experiments, design of simulations: How to inte-

grate model knowledge to maximize the information content of data”

- Ing. Philipp Karmires, Linde  
“Digitalization @ Linde: Principles for Success”
- Dr. Hernan Aguiar Garcia, Syngenta  
“On line measurements & Preventive Diagnostics”
- Prof. Anne-Clemence Corminboeuf, EPFL Lausanne / NCCR Catalysis  
“Catalyst Optimization”
- Dr. Oliver Steinhof, Biogen International GmbH  
“Next Generation Manufacturing at Biogen – PAT as an Enabler for Enhanced Process Control in Commercial Antibody Manufacture”
- Dr. Hans-Peter Nirmaier, Lonza AG  
“Process Analytical Technology: Smart tools or expensive toys?”

#### Organizer

SCS Division of Industrial & Applied Chemistry

Chairs: Prof. Roger Marti, HEIA Fribourg and Dr. Urban Jenelten, Firmenich SA, Geneva

#### Website and Registration

[scg.ch/freiburger-symposium/2021](https://scg.ch/freiburger-symposium/2021)

#### CHanalysis 2021



May 6–7, 2021, Dorint Hotel Beatenberg  
The Division Analytical Sciences of the Swiss Chemical Society (SCG/DAS) is organizing CHanalysis, a meeting of Swiss analytical scientists.

The goal of this conference series is to stimulate a stronger interaction among persons working in different areas of analytical sciences. Scientists from ap-

plied and fundamental research, from industry, education, and regulation are welcome.

The event is planned as an on-site event. However if the government restrictions due to COVID-19 will not allow us to do so, the symposium will take place as an online event.

#### Organizing Committee

Ernö Pretsch, ETH Zürich

Marc J-F Suter, Eawag Dübendorf

Davide Bleiner, Empa, Dübendorf

#### Website and registration

[scg.ch/chanalysis/2021](https://scg.ch/chanalysis/2021)

## SCS LECTURESHIPS

Due to COVID-19 all SCS Lectureship tours until the end of the year are postponed. For the annual program 2021 please visit our website on [scg.ch/scs-lectureships](https://scg.ch/scs-lectureships)

The SCS Lectureship tours are financially supported by:



## NON-SCS CONFERENCES IN SWITZERLAND

### Organic Process Research & Development Conference 2020

09.–11.12.2020, Hyperion Hotel, Basel

The efficient conversion of a chemical process into a process for manufacture on tonnage scale has always been of importance in the chemical and pharmaceutical industries. However, in the current economic and regulatory climate, it has become increasingly vital and challenging to do so efficiently. At Organic Process Research Development Conference, you will hear detailed presentations and case studies from top international chemists. Our hand-picked programme of speakers has been put together specifically for an industrial audience. They will discuss the latest issues relating to synthetic route design, development and optimisation in the pharmaceutical, fine chemical and allied fields. [https://www.scientificupdate.com/conference\\_events/organic-process-research-and-development-basel/20200921/](https://www.scientificupdate.com/conference_events/organic-process-research-and-development-basel/20200921/)

### Symposium on Lab Automation 2021

17.–18.03.2021, HSR Hochschule für Technik Rapperswil

Das Symposium on Lab Automation konzentriert sich auf Neuheiten sowie innovative Entwicklungsansätze für die Laborautomation. Es beinhaltet anwendungsorientierte Fachreferate, eine Ausstellung aktueller Produkte sowie Networkinggelegenheiten für die Labautomations- und Life-Science-Branche.

Das Schwerpunktthema 2021 lautet: “Usability & Connectivity”. [www.ilt.hsr.ch/index.php?id=18611&L=86](http://www.ilt.hsr.ch/index.php?id=18611&L=86)

### Workshop: “The Next Generation of Biocatalysis in Bern”

25–26.03.2021, University of Bern, Department of Chemistry and Biochemistry

“The Next Generation of Biocatalysis in Bern” is a workshop focused on stimulating the networking among young researchers and promoting the scientific career at junior stages. It will give the opportunity to PhD students to present their work as oral presentations in an international environment. The innovative format will allow the attendees to actively discuss about present and future of Biocatalysis.

[ngbiocatbern.wixsite.com/overview](https://ngbiocatbern.wixsite.com/overview)

### Ions and Photons in Analytical Science (IPAS2021)

09.04.2021, HCI building, ETH Hönggerberg, Zurich

The 1-day symposium in analytical sciences entitled “Ions and Photons in Analytical Science (IPAS2021)” will be run during the lecture-free week just after Easter 2021, on Friday, April 9, 2021. It has been more than a decade that a symposium dedicated exclusively to analytical science was organized at ETH Zurich – the last time was 2009, when the quite successful and well attended symposium Analyze That! took place at ETH Hönggerberg – reason enough to review how the field has moved forward in the last decade.

[ipas2021.ethz.ch](https://ipas2021.ethz.ch)

## LECTURES DECEMBER 2020

### University of Basel

Department of Chemistry  
chemie.unibas.ch



**Prof. Sandrine Gerber**, EPFL Lausanne  
02.12.2020, 16.30h, Rosental, Mattenstrasse 24a, 4002 Basel, building 1060, room 7.48  
«Engineering of multifunctional (nano)biomaterials toward biomedical applications as theranostic nanoprobe and cell transplantation hydrogels»

### University of Bern

Departement of Chemistry & Biochemistry  
dcb.unibe.ch



**Prof. Olivier Renaudet**, Université de Grenoble, France  
01.12.2020, 17.00h, Online  
«Antibody Recruiting Glycodendrimers for antitumoral immunotherapy»  
PhD Programm

**Prof. Laurence Mulard**, Institut Pasteur, Unité de Chimie des Bimolécules, Paris, France  
08.12.2020, 16.30h, Online  
PhD Programm

### University of Geneva

Department of Organic Chemistry  
unige.ch/sciences/chiorg/



**Prof. Nina Hartrampf**, University of Zurich  
03.12.2020, 16.30h, Online

**Prof. Ainara Nova**, University of Oslo, Denmark  
10.12.2020, 16.30h, Online  
«CO<sub>2</sub> Hydrogenation Reactions on Metal-Organic Frameworks: Challenges and Opportunities»

**Prof. Maarten Merckx**, Eindhoven University of Technology, The Netherlands  
17.12.2020, 16.30h, Online  
«Antibody Sensing and Actuation: from Bioluminescent Sensor Proteins to DNA-based Molecular Computing»

### EPFL Lausanne

Institute of Chemical Sciences and Engineering  
epfl.ch/schools/sb/research/isic/news-events/



**Prof. Christina Woo**, Harvard University, USA  
01.12.2020, 16.15h, Zoom Meeting  
epfl.zoom.us/j/87597493164  
«Chemical control of cellular signaling»

**Prof. Bettina Lotsch**, Max Plank Institute, Germany  
03.12.2020, 17.15h, Zoom Meeting  
epfl.zoom.us/j/98057582302

**Prof. Aleksandra Vojvodic**, University of Pennsylvania, USA  
04.12.2020, 16.15h, Online  
«C4E – Computational Chemistry of Compounds for Catalysis and Energy»

**Prof. Justin Wilson**, Cornell University, USA  
08.12.2020, 16.15h, Zoom Meeting  
epfl.zoom.us/j/84558660858  
«Controlling Labile Metal Ions in Biological Systems»

**Prof. Radha Boya**, University of Manchester, UK  
11.12.2020, 16.15h, Online  
«Molecular transport through atomic-scale capillaries»

### University of Zurich

Department of Chemistry  
chem.uzh.ch/



**Prof. Olivier Renaudet**, University of Grenoble Alpes, France  
01.12.2020, 17.00h, Online  
«Antibody Recruiting Glycodendrimers for Antitumoral Immunotherapy»

**Prof. Timothy Noel**, Eindhoven University of Technology, The Netherlands  
15.12.2020, 17.00h, Online  
«Innovation in Synthetic Methodology Through Use of Flow»

### ETH Zurich

Department of Chemistry and Applied Biosciences  
chab.ethz.ch



**Dr. Nathalie Mignet**, CNRS, Paris, France  
02.12.2020, 17.00h, Online  
«Detection and Local Treatment of Hepatic Metastases from Colon Cancer»  
Seminars on Drug Discovery & Development