



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

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 31st, 2020

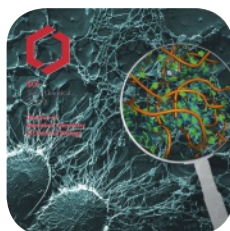
Keynote speakers

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

Website and more information

scg.ch/fsp/2021

DMCCB Basel Symposium 2021: “Targeting RNA by small molecules”



February 4, 2021, 10.00–17.00h, 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”

Illustrating the progress in the field of RNA targeting drugs and will be of high interest to students in chemistry, pharmacy, biology, and to the medicinal chemistry and chemical biology community at large. The target audience is therefore composed of scientists from pharmaceutical and biotech industries, as well as colleagues from academia.

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.

Confirmed Speakers:

- Dr. Kamal Azzaoui, Saverna Therapeutics, Basel, CH
- Prof. Matthew Disney, Scripps Research Institute, Florida, US
- Prof. Michaela Frye, Deutsches Krebsforschungszentrum, Heidelberg, DE
- Prof. Amanda E. Hargrove, Duke University, Durham, US
- TBD, Storm Therapeutics, Cambridge, UK
- Dr. Iris Alroy, Anima Biotech, Bernardville, US

Due to the Covid-19 pandemic, a virtual meeting is currently planned with the option to change to a mixed format if the situation stabilizes.

Poster Session

Posters can be submitted as short video presentations (3 min). The deadline for poster submission is January 13, 2021. The best presentations will be awarded a poster prize.

Organizer

Division of Medicinal Chemistry and Chemical Biology
Chair: Dr. Cornelia Zumbrunn, Idorsia Pharmaceuticals Ltd

Website and registration

scg.ch/dmccb-basel-symposium/2021

DMCCB Session at the LS² Annual Meeting



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

Topic: “Mechanisms in health, disease and ageing”

The LS² 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”.

Plenary Speakers

- Prof. Tony Wyss-Coray, Stanford University, US
- Dr. Dario Valenzano, Max Planck Institute for Biology of Ageing, Cologne, DE
- Prof. Katrien De Bock, ETH Zurich, CH
- Prix Schläfli Lecture: Dr. Alice Berhin, Université Catholique de Louvain, BE
- Friedrich – Miescher Award Lecture: winner announced in early 2021

Session “Chemical Biology and Drug Discovery”, organized by the SCS DMCCB, Fri, 19.02.2020, 16.00–17.45h

- Prof. Nina Hartrampf, University of Zurich
- Prof. Stefan Knapp, Goethe University Frankfurt

Organizer

LS² and DMCCB

Chair: Prof. Mario Tschan, University of Bern

Website and Registration

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

Future of Chemical Education (ChemEdu) 2021



April 14, 2021, FHNW, Muttentz
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.

Speakers

- Prof. Ingo Krossing, University of Freiburg
- Prof. Stefan Matile, University of Geneva
- Prof. Roland Sigel, University of Zurich
- Prof. Martin Albrecht, University of Bern
- Dr. Hans-Ueli Ehrensperger, Balmer-Prize Winner 2020
- Prof. Simon Lancaster, University of East Anglia
- Prof. Katharina Fromm, University of Fribourg
- Prof. Michael Nash, University of Basel
- Prof. Bruno Therrien, University of Neuchatel
- Prof. Carlo Thilgen, ETH Zurich

The ChemEdu 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.

Organizer

SCS Division of Chemical Education

Chair: Dr. Jan Cvengros, ETH Zurich

Website and Registration

scg.ch/chemedu/2021

SCS Spring Meeting 2021 “Chemistry and the Environment”



April 15, 2021, FHNW, Muttentz
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.

The SCS Spring Meeting 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.

Program Morning Session

- 09.00 Welcome Coffee
09.30 Opening of the Symposium
Prof. Kathrin Fenner, Eawag Dübendorf and University of Zurich, Chair of the SCS Section Chemistry and the Environment
Prof. Falko Schlottig, Director of School of Life Sciences, FHNW
Prof. Ioannis Katsogiannis, Aristotle University of Thessaloniki, GR, President EuChemS Section Chemistry & Environment
10.00 Prof. Lucy Carpenter, University of York, UK
“Atmospheric Chemistry On and Over the Ocean”
10.45 Prof. Tamara Galloway, University of Exeter, UK
“Microplastic and Global Boundary Threads”
11.30 Dr. Michael Sander, ETH Zurich, CH
“From Persistence to Desistance: on the Environmental Fate of Biodegradable Polymers”
12.15 Lunch Break
13.00 SCS General Assembly 2021

Program Afternoon Session

- 13.30 Prof. Wendy Queen, EPFL Lausanne, CH
“The Design of Highly Stable MOF/Polymer Composites for the Extraction of Metal Ions from Complex Aqueous Mixtures”
14.15 Prof. Arturo Keller, UC Santa Barbara, USA
“Elucidating Crop Plant Response to Engineered Nanomaterials Using Metabolomics and Proteomics”
15.00 Coffee Break
15.30 Dr. Claudio Screpanti, Syngenta, CH
“Crop Protection 2.0: Chemical Innovation to Support Sustainable Agriculture”
16.15 Dr. Bettina Hitzfeld, Federal Office for the Environment (FOEN)
“Environmental Chemistry: Future Challenges”
17.00 Closing Remark
Aperitif

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

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.

Program Thursday 22. April

- 09.30 Opening of the 15. Freiburger Symposium
 Address of welcome by
 Dr. Roger Marti, HTA-FR, President of the SCS Division of Industrial & Applied Chemistry
 Dr. Urban Jenelten, Firmenich SA, Chairman of the Organizing Committee

Session 1: Flow Chemistry, Continuous Reaction Engineering

- 09.45 Prof. C. Oliver Kappe, University of Graz, Austria
 “Going with the Flow – The Use of Continuous Processing in Organic Synthesis”
 10.30 Dr. Serena Mostarda, Novartis Pharma AG, Basel Switzerland
 “Continuous Manufacturing Toolbox and its Application to Projects from Lab to Pilot Scale – Including Data Science Aspects”
 11.15 Dr. Harvey Randall, Firmenich SA, La Plaine, Switzerland
 “From Batch to Conti: Development & Design of an Industrial Scale Conti Process including Modelling Approach”
 12.00 3 short talks

Session 2: From Data to Information

- 14.00 Dr. Sylvie Roussel, Ondalys, France
 “How to Apply Machine Learning to Industrial Data”
 14.45 Dr. Helge Engelking, Lonza AG, Visp, Switzerland, Lecturer from SEEQ Corporation
 “Data Mining, Visualization, and Modelling in the Pharmaceutical Industry using SEEQ”
 15.30 3 short talks
 16.00 Coffee Break
 16.30 PD Dr. Michael Bortz, Fraunhofer ITWM Kaiserslauten, Germany
 “Design of Experiments, Design of Simulations: How to Integrate Model Knowledge to Maximize the Information Content of Data”
 17.15 Keynote Lecture:
 Ing. Philipp Karmires, Linde, Germany
 “Digitalization @Linde: Principles for Success”
 19.30 Symposium Dinner

Program Friday 23. April

- 09.00 Sandmeyer Award Lecture 2020:
 Dr. Andreas Schuster as representative of the Ipatasertib Team at F. Hoffmann La-Roche, Basel and
 Dr. Christoph Strasser, Dottikon Exclusive Synthesis AG, Switzerland
 “Development of the Commercial Manufacturing Process for Ipatasertib”
 09.45 Sandmeyer Prize 2021

Session 3: Manufacturing Digitalization

- 11.00 Dr. Hernan Aguiar Garcia, Syngenta Crop Protection, Basel, Switzerland
 “Online Measurements & Preventive Diagnostics”

- 11.45 Prof. Clemence Corminboeuf, EPFL Lausanne / NCCR Catalysis & NCCR Marvel
 “Data-driven Approaches to the Discovery and Classification of Homogeneous Catalysts”

Session 4: Industrial in-line real-time Analysis & Data Processing (PAT); NIR; MIR; Algorithmen, Modelle)

- 13.30 Dr. Oliver Steinhof, Biogen International GmbH, Baar, Switzerland
 “Next Generation Manufacturing at Biogen – PAT as an Enabler for Enhanced Process Control in Commercial Antibody Manufacture”
 14.15 Dr. Hans-Peter Nirmaier, Lonza AG, Visp, Switzerland
 “Process Analytical Technology: Smart Tools or Expensive Toys?”
 15.00 Best Poster Award Presentation
 15.05 Symposium Closure
 Aperitif and Networking

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

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 applied 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.

Program Thursday, 6. May

- 13.00 Conference Opening
 Dr. Marc J-F Suter, Eawag and President of DAS
 13.05 Dr. Margit Jeschke, Novartis
 “Correlation Analysis of Product Characterization to Clinical Outcomes in Cell and Gene Therapies”
 13.35 4 Contributed Lectures
 14.35 Coffee Break
 15.10 Prof. Detlef Günther, ETH Zurich
 “Between Fundamentals and Applications – the Important Role of Analytical Chemistry”
 15.50 4 Contributed Lectures
 16.50 Poster session and Aperitif
 18.30 Dinner
 21.00 Get-together Party

Program Friday, 7. May

- 09.00 Dr. Diana Coman-Schmid, ETH Zurich
 “Network Analysis of Toxicity Pathways”
 09.30 2 Contributed Lectures

- 10.00 Prof. Lenny Winkel, Eawag, Dübendorf
“Analytical Advancements Improve Insights into the Biogeochemical Cycle of Selenium”
- 10.30 Coffee Break
- 11.00 4 Contributed Lectures
- 12.15 General Assembly of the Division Analytical Sciences of the Swiss Chemical Society
- 13.00 End of Meeting

Organizing Committee

Dr. Marc J-F Suter, Eawag Dübendorf
Prof. Eric Bakker, University of Geneva
Dr. Davide Bleiner, Empa, Dübendorf

Website and Registration

scg.ch/chanalysis/2021

NON-SCS CONFERENCES IN SWITZERLAND

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

Ions and Photons in Analytical Science (IPAS2021)

09.04.2021, HCI building, ETH Höggerberg, 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 Höggerberg – reason enough to review how the field has moved forward in the last decade.
ipas2021.ethz.ch

Workshop: “The Next Generation of Biocatalysis in Bern”

27.–28.05.2021, 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

ECG-COMON Meeting 2021 & MEACTOS Meeting

07.–09.06.2021, Paul Scherrer Institute (PSI), Villigen
The 16th annual ECG-COMON Meeting 2021 will (probably) be combined with a MEACTOS project meeting and is hosted by the Paul Scherrer Institute (PSI). Both meetings will take place at PSI in Villigen, Switzerland. Please find below the meeting information as well as the registration form.
ecg-comon.org/meetings/ecgcomon-meeting-2021/

ContaSed 2021, 2nd International Conference on Contaminated Sediments (rescheduled from 2020)

09.–12.06.2021, University of Bern
Sediments are sources and sinks of contaminants, and play an important role in mediating pollutants across compartments of ecosystems. Following ContaSed2015, ContaSed2020 will focus on organic and inorganic sediment contaminant classes including emerging contaminants, heavy metals and persistent organic pollutants. Talks and lectures dealing with empirical or modeling studies are invited to contribute to the sessions.
oeschger.unibe.ch/contased2021

3rd Symposium on Industrial Biocatalysis (rescheduled from 2020)

10.06.2021, ZHAW Campus Grüental, Wädenswil
The first day will host the SWC Session and the 3rd Innovation in Biocatalysis Network Meeting, the second day will be dedicated to the 3rd CCBIO Symposium on Industrial Biocatalysis.
Confirmed speakers: Romas Kazlauskas, University of Minnesota (USA), Rudi Fasan, University of Rochester (USA), Anthony Green, University of Manchester (UK), Margit Winkler, TU Graz (AU), Cathleen Zeymer, ETHZ (CH), Hans Iding, Roche (CH), Martin Schürmann, Innosyn (NL), Takahiro Hayashi, Mitsubishi Chemicals (JP)
zhaw.ch/ccbio

SCS LECTURESHIPS

Due to COVID-19 all SCS Lectureship tours are postponed. For the annual program 2021 please visit our website on scg.ch/scs-lectureships

The SCS Lectureship tours are financially supported by:



LECTURES JANUARY/FEBRUARY 2021

Please visit the websites of the Departments to get the lecture programs for January and February 2021:

University of Basel: scg.ch/lectures/unibas
University of Bern: scg.ch/lectures/unibe
University of Fribourg: scg.ch/lectures/unifr
University of Geneva: scg.ch/lectures/unige
University of Neuchâtel: scg.ch/lectures/unine
University of Zurich: scg.ch/lectures/uzh
EPFL Lausanne: scg.ch/lectures/epfl
ETH Zurich: scg.ch/lectures/ethz