



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

CareerTrack:

Chemistry at IBM Research Europe – Zurich



March 4, 2020 15.00–17.00h

YoungSCS and Chemtogether will virtually visit IBM's Nobel Prize lab in Rüschlikon, Switzerland. The day will start with an introduction to the different work areas at IBM Research and the company's possible career paths for scientists.

A short virtual lab tour will provide an overview of the lab in Rüschlikon, which is located 10 km from Zurich. The lab tour is followed by mock interviews simulating interview situations, exemplifying typical requirements, and giving you valuable tips and insights. We will finish the visit with an 'Ask Me Anything' session, where participants can ask remaining open questions.

YoungSCS members, students, PhDs, and postdocs are most welcome to participate. The event will be held entirely on Zoom, and registration is required.

scg.ch/events

Frontiers in Medicinal Chemistry (Joint event with GDCh)



March 8–10, 2021, Online Conference

The international symposium will focus on current developments, novel approaches and cutting-edge technologies in the field of medicinal chemistry with sessions on Molecular Glues/PRO-TACs, Covalent Fragments, Case Studies, Highlights in Medicinal Chemistry, Antivirals, CryoEM, Young Investigators, Cryptic Binding Pockets.

tors, Cryptic Binding Pockets.

Program

The scientific program will include lectures, and poster presentations. It is the goal of the organizers to make this meeting an event of scientific excellence, attractive to both industrial and academic scientists in Medicinal Chemistry, Chemical Biology, and related fields of research.

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, Online Symposium

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.

Program

09.00	Welcome
09.10	Prof. Ingo Krossing, University of Freiburg
09.45	Prof. Stefan Matile, University of Geneva
10.20	Coffee Break
10.40	Prof. Roland Sigel, University of Zurich
11.15	Prof. Martin Albrecht, University of Bern
11.50	Balmer Prize: Dr. Hans-Ueli Ehrensperger
12.15	Lunch
13.15	Prof. Simon Lancaster, University of East Anglia
14.00	Prof. Michael Nash, University of Basel
14.35	Mario Nast, Pearson Education
15.10	Coffee break
15.30	Prof. Bruno Therrien, University of Neuchatel
16.05	Prof. Carlo Thilgen, ETH Zurich
16.40	Podium discussion
17.10	Closing word

Organizer

SCS Division of Chemical Education

Chair: Dr. Jan Cvengros, ETH Zurich

Registration Fees

free for SCS members

CHF 60 for non-members

Online Conference Information

The Event will be held online in a virtual conference room.

During the registration process, you will generate a login for the conference website. After the login you will find a 'Join the Online Session' button on this site and on the symposium main page that guides you to the virtual conference room (ZOOM video conference)

Website and Registration

chemedu21.scg.ch

SCS Spring Meeting 2021 “Chemistry and the Environment”



April 15, 2021, Online Symposium
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

- 09.00 Registration
09.30 Opening of the Symposium
Prof. Kathrin Fenner, Eawag and University of Zurich
Chair SCS Section Chemistry and the Environment
Prof. Ioannis Katsogiannis, Thessaloniki, GR
President EuChemS section Chemistry & Environment
09.50 Prof. Lucy Carpenter, University of York, UK
«Atmospheric Chemistry on and Over the Ocean»
10.30 Short Break
10.40 Prof. Tamara Galloway, University of Exeter, UK
«Microplastic and Global Boundary Threads»
11.20 Dr. Michael Sander, ETH Zurich, CH
«From Persistence to Desistance: on the Environmental Fate of Biodegradable Polymers»
12.00 Lunchbreak / Commercial exhibition
13.15 SCS General Assembly 2021
14.00 Prof. Wendy Queen, EPFL Lausanne, CH
«The Design of Highly Stable MOF/Polymer Composites for the Extraction of Metal Ions from Complex Aqueous Mixtures»
14.40 Dr. Claudio Screpanti, Syngenta, CH
«Crop Protection 2.0: Chemical Innovation to Support Sustainable Agriculture»
15.20 Short break
15.30 Dr. Bettina Hitzfeld, Federal Office for the Environment (FOEN)
«Environmental Chemistry: Future Challenges»
16.10 Prof. Arturo Keller, UC Santa Barbara, USA
«Elucidating Crop Plant Response to Engineered Nanomaterials Using Metabolomics and Proteomics»
16.50 Closing remarks

Organizer

SCS Section Chemistry and the Environment
Chair: Prof. Kathrin Fenner, University of Zurich / Eawag

Registration Fees

free for SCS members
CHF 50 for non-members, regular
CHF 25 for non-members, student

Website and Registration

sm21.scg.ch

Freiburger Symposium 2021



April 22–23, 2021, Online Symposium
“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.

For the first time the Freiburger Symposium will take place as an online symposium to fulfill the regulations of the government and to facilitate safe exchange of scientific information.

Program Thursday, 22 April 2021

- 08.00 Opening of the Zoom Conference room
08.30 Opening of the 15. Freiburger Symposium
Address of welcome by
Dr. Roger Marti, HTA-FR, President of the DIAC
Dipl. Ing. Urban Jenelten, Firmenich SA, Chairman of the OC
08.45 «Going with the Flow – The Use of Continuous Processing in Organic Synthesis»
Prof. C. Oliver Kappe, University of Graz, Austria
09.30 «Reductive Hydrosilylation Chemistry in Continuous Flow: A Toolbox Approach from Lab to Pilot Scale»
Dr. Serena Mostarda, Novartis AG, Basel, Switzerland
10.15 Short Break
10.30 «An industrial example of converting a Batch Fine-Chemical process Into a Continuous One»
Dr. Harvey Randall, Firmenich SA, La Plaine, Switzerland
11.15 3x 10min short talks
11.45 Lunch break & virtual Poster Session
13.30 «How to Apply Machine Learning to Industrial Data»
Dr. Sylvie Roussel, Ondalys, France
14.15 «Data Mining, Visualization, and Modelling in the Pharmaceutical Industry using SEEQ»
Dr. Helge Engelking, Lonza AG, Visp, Switzerland
Engr. Joseph Reckamp, SEEQ Corporation
15.00 Short Break
15.15 «Design of Experiments, Design of Simulations: How to Integrate Model Knowledge to Maximize the Information Content of Data»
PD. Dr. Michael Bortz, Fraunhofer ITWM, Kaiserslautern, Germany
16.00 Keynote Lecture
«Digitalization @ Linde: Principles for Success»
Ing. Philipp Karmires, Chief Digital Officer, Linde, Germany

Program Friday, 23 April 2021

- 08.30 Sandmeyer Award Lecture 2020: «Development of the Commercial Manufacturing Process for Ipatasertib»
Dr. Andreas Schuster as representative of the Ipatasertib Team at F. Hoffmann La-Roche, Basel and
Dr. Christoph Strasser, Dottikon Exclusive Synthesis AG, Switzerland
09.15 Sandmeyer Award Lecture 2021: «AmoMax®-Casale, a new catalyst for a greener and less energy consuming process for industrial large scale ammonia synthesis»
Casale SA and Clariant
10.00 Short Break
10.15 «Online Measurements & Preventive Diagnostics»
Dr. Hernan Aguiar Garcia, Syngenta Crop Protection, Basel, Switzerland

- 11.00 «Data-driven Approaches to the Discovery and Classification of Homogeneous Catalysts»
Prof. Clemence Corminboeuf, EPFL Lausanne, Switzerland / NCCR Catalysis & NCCR Marvel
- 11.45 Lunch break
- 12.45 «Next Generation Manufacturing at Biogen – PAT as an Enabler for Enhanced Process Control in Commercial Antibody Manufacture»
Dr. Oliver Steinhof, Biogen International GmbH, Luterbach, Switzerland
- 13.30 «Process Analytical Technology: Smart Tools or Expensive Toys?»
Dr. Hans-Peter Nirmaier, Lonza AG, Visp, Switzerland
- 14.15 Best Poster Award – 5min Presentation
- 14.30 Closure of the Symposium

Virtual Posters

Virtual posters can be submitted as short video presentations (3 min). The deadline for poster applications is February 28, 2021. The two best presentations will be awarded the Freiburger Symposium Poster Prize (certificate and prize money of 200 CHF).

Organizer

SCS Division of Industrial & Applied Chemistry
Chairs: Prof. Roger Marti, HEIA Fribourg and Dr. Urban Jenelten, Firmenich SA, Geneva

Website and Registration

fs21.scg.ch

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 CHanalysis 2021 is planned as an on site event. If the government restrictions due to COVID-19 will not allow us to do so, we will unfortunately have to cancel the event, because face-to-face is the basis of networking.

Program Thursday, 6th May 2021

- 13.00 Conference Opening
Marc J-F Suter, Eawag and Chair of the Symposium
- 13.05 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 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

Friday, 7th May 2021

- 09.00 Diana Coman-Schmid, ETH Zurich
«Network Analysis of Toxicity Pathways»
- 09.30 2 Contributed Lectures
- 10.00 Lenny Winkel, Eawag
«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

Important Dates

Submission of abstracts: by March 19, 2021

Notification of acceptance: April 9, 2021

Registration: until April 16, 2021

Meeting: May 6–7, 2021

Organizing Committee

Ernö Pretsch, ETH Zurich

Marc J-F Suter, Eawag Dübendorf

Davide Bleiner, Empa, Dübendorf

Website and registration

cha21.scg.ch

e-Bürgenstock 2021: Presidents meet Young Fellows



May 6, 2021, Online Conference

The 55th edition of the Bürgenstock Conference had to be cancelled in 2020 due to the eruption of the COVID-19 pandemic. Unfortunately, the current situation both in Europe and worldwide, with mandatory restrictions on holding physical events and on travel, has forced us to take the difficult decision of cancelling the 2021 edition as well.

e-Bürgenstock 2021

In the middle of what seems to be a dark period for us all, we are eager to lift each other's spirits, and in particular, those of our young fellow colleagues that should have participated in the JSP program of both Bürgenstock conferences, 2020 and 2021.

Therefore we decided that an online event entitled "e-Bürgenstock 2021: Presidents meet Young Fellows" will be held as a way to celebrate science and give the JSP fellows the opportunity to "virtually" meet and share their exciting discoveries with the most renowned members of the chemistry community.

bc21.scg.ch

NON-SCS CONFERENCES IN SWITZERLAND

Symposium on Lab Automation 2020

18. Mar 2021 – 09.00, Digitaler Treffpunkt

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 Labautomation- und Life-Science-Branche. Das Schwerpunktthema 2020 lautet: "Usability & Connectivity".

ilt.hsr.ch/index.php?id=19691&L=120

ECG-COMON Meeting 2021 & MEACTOS Meeting

07. Jun 2021 – 08.00, Paul Scherrer Institute (PSI)

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.

ecg-comon.org/meetings/ecgcomon-meeting-2021/

ContaSed 2021; 2nd International Conference on Contaminated Sediments

09. Jun 2021 – 09.00, Universität Bern, Unis

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.

www.oeschger.unibe.ch

3rd Symposium on Industrial Biocatalysis

10. Jun 2021 – 09.00, ZHAW Campus Grüental (GA), School of Life Sciences and Facility Management

The symposium will cover cutting edge topics of bio-catalysis, ranging from the evolution of synthetically valuable enzyme families, genetic code expansion and the design and optimization of artificial enzymes, to the development of computational approaches for enzyme engineering. In addition, the symposium will feature several successful biocatalysis examples from industry.

www.zhaw.ch/de/lsvm

Virtual European Symposium of Photopolymer Sciences dedicated to Ewa Andrzejewska

15. Jun 2021 – 09.00, Zoom Meeting

The European Symposium of Photopolymer Science (ESPS) aims to bring together the brightest minds from both academia and industry to collectively present and discuss the fundamental issues within this still burgeoning field. The meeting consists of seminars from not just European but international leaders of photopolymer science.

www.vesps2021.net

International Conference on Photochemistry 2021 (ICP 2021)

19. Jul 2021 – 08.00, Online Conference

The conference was initially planned to take place in Geneva, Switzerland. Given the present health situation and the large uncertainty concerning its evolution over the coming months, the organising committee decided to shift to a fully virtual format. The virtual conference will be as similar as possible to an event happening onsite and will offer many new opportunities.

www.icp2021.ch

Biointerfaces International 2021 incl. Science and Translation Sessions

17. Aug 2021 – 09.00, Universität Zurich, City Campus

Programming aims to build bridges across relevant application areas, between science & engineering, innovation & technology, industry and academic partners and senior scientists & early-career researchers. Highly renowned and young scientists from academia, industry and clinics present their latest scientific findings and technological breakthroughs.

www.biointerfaces.ch/international/2021

SCS LECTURESHIPS

Due to COVID-19 all SCS Lectureship tours are postponed. Please visit our website on scg.ch/scs-lectureships for the latest information about tours and dates

The SCS Lectureship tours are financially supported by:

**LECTURES MARCH 2021**

Please visit our website scg.ch for the latest announcements on lectures at Swiss universities and companies. Due to the uncertainty associated with the pandemic situation, lectures are often organized, rescheduled or postponed at short notice.

scg.ch/lectures

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Gleich nachschlagen:
roempp.thieme.de

NEU in 2020 – RÖMPP 5.0:
• Heimzugang von zuhause
• Playlists für wiederkehrende Recherchen
• bibliographischer Download

Thieme