



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

APPLICA 2021



Nov 17, 2021, FHNW Campus Olten. Die APPLICA ist ein praxisorientiertes Fachseminar, welches sich an Anwender moderner Trenntechniken wendet. Sie findet zum 9. Mal statt und wird von der SCS Division Analytische Wissenschaften organisiert. Im Fokus der diesjährigen APPLICA stehen analytische Anwendungen im Bereich der Lebensmittel-

und Umweltanalytik. Nebst der Vorstellung von hoch effizienten Trenn- und äusserst sensitiven Nachweismethoden stellen wir uns auch die Frage nach der praktischen Relevanz der Ergebnisse.

Ein Plenarseminar mit Referaten von renommierten Fachleuten aus Forschung und Lehre helfen Ihnen dabei, diese Fragen optimal zu beantworten.

Eine Ausstellung ist integrierter Bestandteil des Seminarablaufs. Damit ist ein intensiver Kontakt zwischen Ausstellern, Referenten und Teilnehmern garantiert und wird durch interaktive Workshops noch weiter vertieft.

Website und Anmeldung

applica-analytik.ch

5th SCS-Syngenta Symposium 2021 (online) “Chemistry Lab of the Future”



Nov 26, 2021, Online Symposium (Host: Syngenta Research Center, Stein).

The focus will be on cutting edge advances in synthesis design, reaction optimization and drug design assisted by AI as well as the robotic aspects of synthesis automation and testing.

The highlight of the day will be two plenary lectures as well as eight invited lectures.

A “flash communication” session will round out the program over lunch time. The event will be held virtually, and the attendance is free of charge. The event is again a great opportunity to strengthen the link between chemical industries and academic laboratory.

Call for abstracts for the flash communications

During the registration process you have the opportunity to upload your abstract to apply for a flash communication. Deadline is October 15, 2021.

Program

- 09.15 Welcome Message by Syngenta
- 09.30 Guillaume Berthon, Syngenta
“Digital Chemistry at Syngenta: From Academic Labs to Industrial Application”

- 10.00 Alexander Marziale, Novartis, Basel
“MicroCycle: An Integrated Design-Make-Test-Analyse Platform to Accelerate Drug Discovery”
- 10.30 Alain Vaucher, IBM Research, Zurich
“Cloud-Based AI-driven Autonomous Lab”
- 11.00 Coffee
- 11.30 Magnus Johansson AstraZeneca, Sweden
“HTE as a Tool in Reaction Discovery”
- 12.00 Ben Alston, University of Liverpool, UK
“Autonomous & Intelligent Materials Discovery”
- 12.30 Lunch
Session with 3min contributed communications
- 13.30 King Kuok Mimi Hii, Imperial College London, UK
“Challenges in Training the Next Generation of Synthetic Chemists Fit for the 21st Century”
- 14.00 Anat Milo, Ben-Gurion University of the Negev, Israel
“When Small Data Play a Big Role in Mechanism Elucidation”
- 14.30 Stevan Djuric The University of Kansas, Lawrence, US
“The Importance of ‘Fit for Purpose’ Enabling Chemistry Technology in Pharmaceutical Research”
- 15.10 Coffee
- 15.30 Petrina Kamyra, In silico Medicine, Canada
“Accelerating drug discovery and development through the integration of Machine Learning and classic physics-based computational methods”
- 16.00 Jason Hein, The University of British Columbia, Canada
“New Tools and Technology to Accelerate Process Chemical Research and Discovery”
- 16.40 Alán Aspuru-Guzik, University of Toronto, Canada
- 17.10 Closing remarks

Contact

Amandine Kolleth-Krieger and Vlad Pascanu, Syngenta Crop Protection AG

Website and Registration

Registration is free of charge. Registration is mandatory to access the online lectures.

syngenta21.scg.ch

European Young Chemists Meeting 2022 (EYCheM22)



Jan 19–22, 2022, Department of Chemistry, University of Fribourg and online conference (hybrid event).

The European Young Chemists' Meeting (EYCheM) features not one but two events. The first being the 17th EYCN delegate assembly – an annual meeting where young scientists from all over Europe meet to discuss future plans and

projects – which is held from the 17th – 19th of January. Following the delegate assembly, the conference starts on the 19th of January. This years EYCheM is focussed on the design, synthesis and utilization of new materials for energy applications.

Confirmed Speakers:

Prof. Bettina V. Lotsch, Max Planck Institute for Solid State Research
 Prof. Omar M. Yaghi, University of California, Berkeley
 Prof. Michael Graetzel, EPFL Lausanne
 Prof. Cafer T. Yavuz, Korea Advanced Institute of Science and Technology (KAIST)
 Prof. Miriam Unterlass, University of Konstanz

Contributed Talks

You have a chance to present your research during the conference! The scientific committee will select outstanding young chemists from the submitted abstracts to present their work as either 15 min contributing talks or 5 min poster highlights. We look forward to your application.

Website and registration

The first 100 Swiss based student participants profit from a 125.00 CHF discount on behalf of the SCNAT.
events.unifr.ch/eychem22

SCS Seminar on Flow Chemistry 2022

Feb 7–9, 2022, Le Domaine Notre Dame, Villars-sur-Glâne (Fribourg).
 The SCS Seminars are three-days educational events with a focus on topics relevant for the Swiss chemical and pharmaceutical industry but that are not necessarily part of the academic curricula. The first seminar in 2022 will focus on Flow Chemistry.

Target Group

Interactive Seminar for PhD students, Postdocs as well as junior scientists from industry to get in contact with flow chemistry and get them ready to start with it in the lab.

Program

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 his/her current work.

The seminar will focus on relevant issues of process chemistry such as

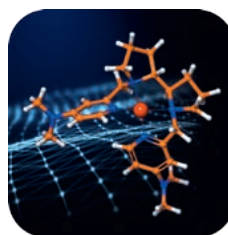
- Batch to flow
- Flow reaction optimization
- Safety issues
- Scaling up
- Reactors and reactor design

Organizers

Prof. Roger Marti, HEIA-FR
 Dr. Marc-Andre Mueller, DSM Nutritional Products Ltd
 The seminar is an initiative of the Swiss Flow Chemistry Network of the SCS

Website

flowsem22.scg.ch

SwissCat Symposium 2022

Feb 16, 2022, Department of Chemistry, Biochemistry and Pharmaceutical Sciences, University of Bern.

The SwissCat Symposium is the annual meeting of the respective SCS network and brings together experts in the field of homogeneous, heterogeneous and bio-catalysis. The event also serves as a

central platform for the various organizations and networks active in the field of catalysis in Switzerland.

Organizier

Prof. Matthias Arenz, University of Bern, President SwissCat

Website

swisscat22.scg.ch

SCS Spring Meeting 2022: Biosupramolecular Chemistry

Apr 22, 2022, Department of Chemistry, Science II, University of Geneva.

The SCS Spring Meeting is a one-day symposium and provides a high quality program with national and international speakers of a certain topic. The event is held annually and has its origin at the founding meeting of the SCS in 1901.

The topic of the 2022 edition is “Biosupramolecular Chemistry”.

Program

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|-------|---|
| 09.00 | Welcome Coffee |
| 09.15 | Welcome and Opening |
| 09.30 | Prof. Chris Hunter, Cambridge University, UK
“Evolution Engines” |
| 10.15 | Prof. Helma Wennemers, ETH Zurich, CH
“Synthetic Collagen” |
| 11.00 | Coffee Break |
| 11.30 | Prof. Tanja Weil, MPI Mainz, Ge
“Supramolecular Biomaterials for Medicinal Applications” |
| 12.15 | Werner Prize Winner 2022 |
| 12.50 | Lunch Break |
| 13.30 | SCS General Assembly 2022 |
| 14.00 | Prof. Hanadi Sleiman, McGill University, Canada
“DNA Nanostructures: Design and Biological Properties” |
| 14.45 | Dr. Andreas Herrmann, Firmenich SA, CH
“Dynamic Profragrances – Supramolecular Systems to Control the Release of Volatile Compounds” |
| 15.30 | Coffee Break |
| 16.00 | Prof. Wilhelm Huck, Raboud University, NLD
“Molecular Information Processing Using Complex Chemical Systems” |
| 16.45 | Prof. Dean Toste, University of California Berkeley, US
“Catalysis in Confined Spaces” |
| 17.30 | Prof. Don Hilvert, ETH Zurich, CH
“The Evolution of a Virus-Like Nucleocapsid from a Bacterial Enzyme” |
| 18.15 | End and Aperitif |

Organizing Committee

Prof. Nicolas Winssinger, University of Geneva
 Prof. Stefan Matile, University of Geneva
 Prof. Sascha Hoogendoorn, University of Geneva

Registration fees

Participation is free of charge for SCS members.
 Registration fee for non-members: CHF 100.00.

Website

sm22.scg.ch

ADDITIONAL CONFERENCES IN SWITZERLAND AND ONLINE EVENTS

7th International Electronic Conference on Medicinal Chemistry

Nov 01–30, 2021 – Online Conference

The conference will cover a wide range of aspects involved in drug discovery and development and provides the opportunity to share the recent research results with colleagues from all over the world. The event takes place during whole November 2021.

Topics: Medicinal Chemistry, Pharmacokinetics and Pharmacodynamics, Drug Discovery and Development, Radiopharmaceutical Sciences, Drug Delivery.

Participation in the 7th International Electronic Conference on Medicinal Chemistry is absolutely free of charge for contributors and visitors.

ecmc2021.sciforum.net

XXI EuroFoodChem 2021

22–24, 2021 – Online Conference

The XXIst edition of the EuroFoodChem conference was originally foreseen to be held in September 2021 in Belgrade, Serbia. However, due to the COVID-19 pandemic, the Food Chemistry Division of the European Chemical Society (EuChemS) decided to postpone the congress in presence, in Serbia, to September 2023. Therefore, to keep the tradition of a biannual congress, we decided to maintain the congress organization this year, though in a virtual format.

The program will feature a mix of plenary lessons, oral communications and flash presentations. Amongst others the topics of the conference are food processing, food safety, circular economy in the food value chain or healthy and sustainable diets.

Topics: Food composition and authenticity, Functional foods, Food processing, Food safety, Circular economy in the food value chain, Healthy and sustainable diets, Future foods.

xxieurofoodchem.events.chemistry.pt

6th European Chemistry Partnering (ECP) 2022

Feb 16–17, 2022 – Online Conference

Accelerate innovation and make business! ECP is all about generating new business immediately in exchange with others by bringing together all innovators, decision makers and creative minds of the international industries together and in discussion.

ECP Characteristics: Pre-scheduled 20 minutes one-to-one partnering meetings, virtual Exhibition, company pitches, key note, panel discussions, workshops

bcnp-consultants.lpages.co/ecp2022

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 Excellence in Science



Make your lab greener ...

Thank you ...

... for your visit @ILMAC 2021!

We were overwhelmed by the great demand and the many visitors at our booth!

If you were not able to visit us at ILMAC, take the chance and visit our homepage or contact us directly.

Shimadzu Schweiz GmbH

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www.shimadzu.ch

LS² Annual Meeting 2022: “Life Sciences in the 2020s: quantitation, integration and prediction”

Feb 17–18, 2022 – University of Zurich, Irchel Campus

The LS² Annual Meeting brings together scientists from all nations and backgrounds to explore the large spectrum united under the umbrella of Life Sciences.

The program will include 3 plenary lectures, a symposium organized by and for young scientists with short talks selected from abstracts, our already famous PIs of Tomorrow session, the lectures from 3 awards (Prix Schläfli, Lelio Orci Award and Friedrich Miescher Award), a special plenary short talk “Personalized Health” from the Forum of Genetic Research (SCNAT) and 11 scientific symposia organized by our sections and partners.

<https://annual-meeting.ls2.ch>

Ions and Photons in Analytical Science (IPAS2021)

Apr 22, 2022, ETH Zurich, Hönggerberg.

The symposium will bring together 10 international experts, many of them with ties to ETH Zurich, who have all agreed already to lecture on the state-of-the-art in analytical methodologies and their applications during this symposium. 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.

The core of the program are plenary talks by invitation only (refer to Speakers). There will be the possibility to contribute to the program with posters from young researchers and stands/booths from companies.

<https://ipas2021.ethz.ch>



SCS Academy

Swiss Chemical Society

The SCS Academy offers further education courses in a wide range of chemical sciences:

- Analytical Sciences
- Environmental Chemistry
- Laboratory Basics
- Process Chemistry
- Intellectual Property
- Personal Skills
- Practical training for young lab professionals

From beginners to experts, all level of users are within our target group. We offer our courses in collaboration with industrial partners to ensure the relevance of application.

academy.scg.ch



SCS
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SCS Academy

LECTURES NOVEMBER 2021

Thomas Stadelmann, ETH Zurich

02. Nov 2021 – 16:45, Online Conference (ETH Zurich)

“Combining NMR Data of Small Molecules with Computational Chemistry”

Dzmitry Ashkinadze, ETH Zurich

02. Nov 2021 – 16:45, Online Conference (ETH Zurich)

“Statistical view of protein correlations and protein allostery”

Prof. Dirk Trauner, New York University, USA

02. Nov 2021 – 17:00, University of Zurich

“Making Molecules to Modulate Neural Systems”

Prof. Marco Panesi, University of Illinois, USA

03. Nov 2021 – 16:30, Online Conference (University of Basel)

Title to be announced

Prof. B. Lundström-Stadelmann, Institute of Parasitology, Bern

03. Nov 2021 – 17:15, Online Conference (University of Basel)

“Novel approaches for the treatment of the fox tapeworm *Echinococcus multilocularis*”

Prof. Jeremy A. May, University of Houston, USA

04. Nov 2021 – 16:30, University of Geneva

Topic: Synthetic Organic Chemistry and Methods Development

Dr. Olivier Loiseleur, Syngenta, AND **Prof. Dirk Trauner**, New York University, USA

04. Nov 2021 – 17:10, Online Seminar (University of Basel)

Title to be announced (Dr. Loiseleur) AND “Proximity Photopharmacology” (Prof. D. Trauner)

Prof. Christoph Bostedt, Paul Scherrer Institut

09. Nov 2021 – 16:45, Online Conference (ETH Zurich)

“Ultrafast imaging of nanoscale samples with intense XFEL pulses – new opportunities at the SwissFEL Maloja Endstation”

Prof. Julia Kunze-Liebhäuser, Leopold-Franzens University Innsbruck, Austria

09. Nov 2021 – 17:00, University of Zurich

“Copper Single Crystal Electrocatalysts: Interfacial Structure and Reactivity”

Prof. Steven Hoekstra, University of Groningen, Netherlands

10. Nov 2021 – 16:30, University of Basel

“Table-Top Particle Physics with Slow and Trapped Molecules”

Prof. Gordana Dukovic, University of Colorado, USA

11. Nov 2021 – 17:15, Online Conference (EPFL Lausanne)

“Excited state processes and light-driven chemistry of semiconductor nanocrystals”

Prof. Ardemis Boghossian, EPFL Lausanne

12. Nov 2021 – 10:45, University of Basel

“A Nano-Bioengineering Frontier for Next-Generation Optical Devices”

Prof. Steffen Lindert, The Ohio State University, Columbus, US

16. Nov 2021 – 16:45, Online Conference (ETH Zurich)

“Protein Structure Prediction from Mass Spectrometry Data”

Prof. Thorsten Bach, Technical University of Munich, Germany

16. Nov 2021 – 17:00, University of Zurich

“Enantioselective Catalysis of Photochemical Reactions”

Prof. Fernando Pirani, University of Perugia, Italy
17. Nov 2021 – 16:30, University of Basel
“Characterization and Modeling of Intermolecular Interactions: the Role of the Precursor State of Elementary Processes”

Prof. Gerald Schwank, ETH Zurich
17. Nov 2021 – 17:00, ETH Zurich
“Correcting Metabolic Liver Diseases by in Vivo Base- and Prime Editing”

Prof. Guanbin Dong, University of Chicago, USA
18. Nov 2021 – 17:30, University of Basel
Title to be announced

Prof. Michael Haley, University of Oregon, USA
22. Nov 2021 – 17:30, University of Basel
Title to be announced

Prof. Michael Haley, University of Oregon, USA
23. Nov 2021 – 17:00, University of Zurich
“Diarenoindacenes and Diindenoarenes: From Antiaromatic Semiconducting Materials to Stable, Tunable Organic Diradicals”

Prof. Marcy Zenobi-Wong, ETH Zurich
24. Nov 2021 – 16:30, Online Conference (University of Basel)
“Biofabrication of Structured Hydrogels for Tissue Engineering”

Prof. Peter Hamm, University of Zurich
25. Nov 2021 – 17:15, EPFL Lausanne
Title to be announced

Dr. Radka Snajdrova, Novartis Pharma AG, Basel AND **Prof. Todd Hyster**, Cornell University, USA
25. Nov 2021 – 17:30, University of Basel
“Developing enzymatic late-stage functionalization toolbox, a joint endeavor between academia and industry”
AND
“Photoenzymatic Catalysis – Using Light to Reveal New Enzyme Functions”

Prof. Jeffrey Bode, ETH Zurich, Switzerland
30. Nov 2021 – 17:00, University of Zurich
“Topic: Synthetic Organic Chemistry, Chemical Protein Synthesis, and Chemical Biology”

Please visit our website for the latest announcements and the exact location of the lectures.
scg.ch/lectures



SCS
Swiss Chemical
Society

Become a SCS Member and profit from a wide range of benefits

Be part of the SCS network and profit from our connections

- Get CHIMIA for free; 10 printed issues per year and access to all scientific articles as e-edition.
- Get free admission to the SCS Spring and Fall Meeting and profit from reduced fees for other SCS events.
- Benefit from reduced fees for further training courses of the SCS Academy.
- Apply for student travel grants to participate in an international scientific conference.
- Get access to RÖMPP online for a reduced fee of CHF 175 for regular members or CHF 75 for students respectively.
- Benefit from reduced fees for a lot of the Chemistry Europe offers and profit from special offers as a member of a participating society.

Membership fees in CHF

Regular membership	150.00
Membership for retired persons	80.00
Membership for bachelor, master and PhD students	50.00
Membership for companies/universities	800.00
Groups Membership for Universities	15% discount on total amount

Additional fees for divisional services in CHF

Division of Industrial & Applied Chemistry (DIAC)	
Individual members	20.00
Institutional members	100.00
Photochemistry Section (PCS)*	
Regular and retired members	40.00
Student members	20.00
all other divisions and networks	free of charge

* The Photochemistry Section acts as the Swiss section of the European Photochemistry Association (EPA)..

Kontakt

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<https://scg.ch>

scg.ch/membership

