



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

Swiss Photochemistry Symposium 2022



June 17, 2022, HEIA Fribourg, Hochschule für Technik & Architektur

The symposium is an initiative of the Photochemistry Section of the Swiss Chemical Society to promote the exchange within the photochemistry community in Switzerland and beyond.

Program

- 09.15 Registration, coffee & chat
- 09.50 Welcome message
- Session 1
- 09.55 Prof. Ferdinand Grozema, TU Delft, NL
- 10.25 2 Contributed Talks
- 10.55 Short Break
- Session 2
- 11.00 Prof. Pablo Rivera-Fuentes, University of Zurich, CH
- 11.30 2 Contributed Talks
- 12.00 Lunch & networking
- 12.50 PCS General Assembly
- Session 3
- 13.15 2 Invited Talks
- 13.55 10× 3 min Elevator Talks
- 14.30 Poster session, coffee & networking
- Session 4
- 15.45 Prof. Julia Weinstein, University of Sheffield, UK
- 16.15 3 Contributed Talks
- 17.00 Poster award ceremony and closing remarks

Registration Fees (include lunch and coffee)

- CHF 100.00 for SCS or EPA members
- CHF 120.00 for non-members
- CHF 50.00 for students

Organizing Committee

- Olivier Nicolet, HES-SO/HEIA-FR (Chair)
- Oliver Wenger, University of Basel
- Silvio Canonica, Eawag, Dübendorf
- Kurt Dietliker, ETHZ, Zurich
- Tomas Solomek, University of Basel

Short Talk and Elevator Speech Awards, sponsored by Helvetica

The best short talk and the best elevator speech are awarded the PCS22-Helvetica prize. The evaluation is based on the scientific content and the presentation. The total prize sum is CHF 350.00. The prizes are sponsored by Helvetica Chimica Acta.

Website and Registration

pcs22.scg.ch

SCS Seminar on Flow Chemistry 2022



June 27–29, 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 Monday, June 27, 2022

- 10.00 Welcome 10.30, Marc-André Müller, DSM
«Basics of Flow Chemistry I – Process Intensification in Industry»
- 11.30 Dominique Roberge, Lonza
«Basics of Flow Chemistry II – Flow Chemistry, the Engineer's View»
- 12.30 Lunch
- 13.30 Claudio Battilocchio, Syngenta
«Application of Flow Chemistry I – Batch to Flow»
- 14.30 Roger Marti, HEIA-FR
«Application of Flow Chemistry I – Application in Synthesis»
- 15.30 Coffee break
- 16.00 Lab Visit HEIA-FR/ChemTech: Pilot Plant & Flow Lab
- 18.30 Poster Session & Apéro, Supplier Booths
Dinner

Tuesday, June 28, 2022

- 08.30 Michal Dabros, HEIA-FR
«PAT Technology in Flow, Chemometrics»
- 09.30 Alexandra Kämpfer-Homasy, HE-ARC
«Microfluidics in Bioanalytics»
- 10.00 Coffee break
- 10.30 Workshop 1 with lecturers and suppliers
- 11.30 Workshop 2 with lecturers and suppliers
- 12.30 Lunch
- 13.30 Alain Georg, Fluitec, Supplier Presentation
- 14.30 Philippe Roth, Corning, Supplier Presentation
- 15.30 Coffee break
- 16.00 Samuel Bourne, Carbogen AMCIS
Industry Lectures – Case Study
- 17.00 Duncan Guthrie, Vapourtec, Supplier Presentation
- 18.30 Symposium Dinner

Wednesday, June 29, 2022

- 08.30 Mathieu Lesieur, Solvias
«C-H Oxidation or Organolithium Bases in Flow»
- 09.30 Thomas Kretzschmar, Hitec-Zang, Supplier Presentation

- 10.00 Coffee break
 10.30 Workshop 3 with lecturers and suppliers
 11.30 Benjamin Martin, Novartis
 «Sustainability Aspects of Continuous Manufacturing»
 12.30 Lunch
 13.30 Workshop 4 with lecturers and suppliers
 14.30 Closure

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 the 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

Organizing Committee

Prof. Roger Marti, HEIA-FR
 Dr. Marc-Andre Mueller, DSM Nutritional Products Ltd

Website

flowsem22.scg.ch

SwissCat Symposium 2022



June 30, 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.

Program

- 08.30 Welcome coffee
 09.15 Welcome and opening of the symposium
 09.30 Prof. Olivier Baudoin, University of Basel
 «Ring Construction *via* Palladium(0)-Catalyzed C–H Activation»
 10.15 3× 15 min Contributed Talks
 11.00 Break
 11.30 Dr. Maarten Nachtegaal, PSI
 «Synchrotron-based X-Ray Methodologies to Determine the Operando Structure of the Catalytic Active Site»
 12.15 2× 15 min Contributed Talks
 12.45 Lunch Break
 14.00 Prof. Rebecca Buller, ZHAW Wädenswil
 «Engineering Fe(II)/ α -Ketoglutarate-Dependent Halogenases and Desaturases»
 14.45 2× 15 min Contributed Talks
 15.15 Break
 15.45 Dr. Ermanno Filippi, Casale
 «Catalysis, the Pillar of Energy Transition and Sustainability»

- 16.30 Prof. Gonzalo Guillén-Gosálbez, ETH Zurich
 «Planetary Boundaries Footprints of Chemicals and Fuels»
 17.15 Award ceremony of the best contributed talks, Closing words
 17.30 Aperitif

Contributed Talks

Apply for a 15min contributed talk and submit your abstract during the registration process. Deadline is May 15, 2022.

Participation Fees

SCS members, regular participant	CHF 50.00
SCS members, students	CHF 0.00
Non-members, regular participant	CHF 100.00
Non member, student	CHF 50.00

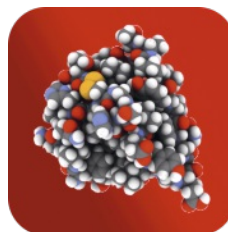
Chair of the Organizing Committee

Prof. Matthias Arenz, University of Bern, President SwissCat

Website

swisscat22.scg.ch

Peptide Therapeutics Forum 2022



August 25–26, 2022, University Hospital Basel, Zentrum für Lehre und Forschung

The event provides an innovative platform to exchange on the various aspects of drug development with a focus on peptides.

The program includes invited lectures from experts working in academia and

industry from all over the world.

Program Thursday, August 25, 2022

- 09.00 Conference Opening
 09.15 Welcome Message
 10.00 Prof. Tom Grossmann, University of Amsterdam, NL
 «Eptidomimetic Inhibitors of Wnt Signaling that Directly target β -Catenin»
 10.30 Prof. Hiro Suga, University of Tokyo, JP
 «The Next Generation RAPID System»
 11.30 Coffee Break
 12.00 Dr. Dominik Sarma, Belyntic, DE
 «Developing Peptide Drugs faster with the Peptide Easy Clean (PEC) Technology»
 12.30 Prof. Anne Conibear, TU Wien, AT
 «Decorated Venom: Sulfation and Amidation of Alpha-Conotoxins»
 13.00 Lunch Break
 14.30 Prof. Beatriz Garcia De la Torre, University of KwaZulu-Natal, ZA and Dr. John Lopez, Novartis, Basel, CH
 «Beyond the Application of RI as PAT in Solid-Phase synthesis»
 15.00 Dr. Samuele Cazzamalli, Philochem, CH
 «Small Molecule Therapeutics as an Alternative to Peptide Therapeutics: A Clean Strategy to Delivery Bioactive Payloads to Tumors»
 15.30 Coffee Break
 16.00 Prof. Ali Azhdarinia, University of Texas, US «Fluorescent Peptide Conjugates for Intraoperative Imaging»
 16.30 Prof. Gaurav Bhardwaj, University of Washington, US
 «Computational Peptide Design for Target Therapeutics»
 17.00 Poster Session & Apéro

Program Friday, August 26, 2022

- 10.00 Dr. Paul Beswick, Bicycle Therapeutics, UK
«Bicycles® (Bi-Cyclic Peptides) as Novel Therapeutics to treat Antimicrobial Infection»
- 10.30 Prof. Ashraf Brik, Technion-Israel Institute of Technology, IL
«Modulating the Ubiquitin System with Cyclic Peptides: Chemistry and Biology»
- 11.00 Coffee Break
- 11.30 Prof. Frank Kirchhoff, University of Ulm, DE
«Peptidic Fusion Inhibitors for SARS Cov 2»
- 12.00 Dr. Martin Bossart, Sanofi, DE
«Design of SAR441255, a Potent Unimolecular Peptidic Triple GLP-1/GIP/GCG Receptor Agonist and its Effects on Weight Loss and Glycemic Control»
- 12.30 Lunch Break
- 14.00 Dr. Søren Østergaard, Novo Nordisk, DK
«Designing Potent and Selective Y2 Agonists»
- 14.30 Prof. Bill Lubell, University of Montreal, CA
«Inflammation Modulation by Peptide Conformation Demarcation»
- 15.00 Coffee Break
- 15.30 Dr. Dana Ault-Riche, Maastricht University, NL
«Non-Immunogenic Synthetic Proteins Composed of D-Amino Acids Potentially Inhibit Tumor Growth»
- 16.00 Dr. Rami Hannoush, US Ventures, Mubadala Capital, US
«Engineered Peptide Agonists for Cellular Reprogramming and Tissue Regeneration»
- 16.40 Closing remarks

Organizing Committee

Prof. Melpomeni Fani, University of Basel
Prof. Roderich Süßmuth, TU Berlin
Dr. Thomas Vorherr, TU Berlin
Prof. Nina Hartrampf, University of Zurich.

Website and Registration

ptf22.scg.ch

SCS Fall Meeting 2022

September 8, 2022, Irchel Campus, University of Zurich

The SCS Fall Meeting offers a unique opportunity for all members of the community to share the results of their research initiatives. With nine parallel sessions, two plenary sessions and a huge poster session the event stimulates the exchange of ideas between all

generations of chemists. SCS Fall Meeting offers a unique opportunity for all members of the community to share the results of their research initiatives. With nine parallel sessions, two plenary sessions and a huge poster session the event stimulates the exchange of ideas between all generations of chemists.

Program Highlights

- Two plenary sessions with lectures of SCS prize winners 2022
- Poster Session with more than 400 posters in 9 thematic sessions
- Nine parallel sessions focussing on a specific field with keynote lectures and 15 min PhD presentations
- Best oral and best virtual poster presentation award ceremony

Topics of the parallel sessions

- Analytical Sciences
- Catalysis Science & Engineering
- Computational Chemistry
- Chemistry and the Environment
- Inorganic & Coordination Chemistry
- Medicinal Chemistry & Chemical Biology
- Organic Chemistry
- Physical Chemistry
- Polymers, Colloids & Interfaces

Programm

09.15 Welcome and Conference Opening

Morning Plenary Sessions

- 09.30 Sandmeyer Award Lecture
IBM Research, Zurich
«Digitalization of synthetic organic chemistry to improve digital workflows with state-of-the-art machine learning technologies»
- 10.00 Swiss Green & Sustainable Chemistry Award Lecture 2022
Prof. Xile Hu, EPFL Lausanne
«Cooperative molecular, bio-, and electrocatalysis»
- 10.30 Coffee Break

Morning Parallel Sessions (9 topics)

10.45 Invited/Sponsored Lecture (30 min) Short Talks (15 min)

Lunch Break

- 12.30 Lunch and Poster Sessions, commercial exhibition
- 13.30 General Assembly of the youngSCS 2022
Lead: Lluc Ferrera Soler, President youngSCS

Afternoon Parallel Sessions (9 topics)

- 14.30 Invited/Sponsored Lecture (30 min) Short Talks (15 min)
- 16.15 Coffee Break

Afternoon Plenary Sessions

- 16.30 SCS Senior Industrial Science Award Lecture 2022
Dr. Bernd Kuhn, F. Hofmann-La Roche AG
«Details matter in structure-based drug design»
- 17.00 Paracelsus Award Lecture 2022
Prof. Antonio Togni, ETH Zurich
«For the Sake of Making Molecules»

SCS Announcements and Ceremony Session

- 17.45 SCS Announcements and Helvetica Prize of the Swiss Chemical Society 2022 (best published papers of PhD/ Postdocs 2021/22)
- 18.00 Best Oral Presentation Award (sponsored by Metrohm)
Best Poster Presentation Award (sponsored by DSM)
- 18.30 End of the Conference

Registration Fees (include lunch and coffee)**SCS Members**

- CHF 0.00 (free of charge) incl. presenting a talk or a poster

Non-SCS Members

- CHF 250.00 presenting a talk or a poster at the conference
- CHF 100.00 access to the conference without presentation

Chairs for the Organizing Committee

Prof. Roger Alberto, University of Zurich (Chair)
Dr. Hans Peter Lüthi, ETH Zurich/SCS Foundation

Website and Registration

fm22.scg.ch

Swiss Summer School on Chemical Biology 2022



September 11–15, 2022, Eurotel Victoria, Les Diablerets

The Swiss Summer Schools are out-of-town seminars for MSc, PhD and postdoctoral students. There are two independent programs: The Summer Schools on Chemical Biology and the Summer Schools on Chemical Synthesis, managed by the Swiss Chemical

Society Divisions on Medicinal Chemistry & Chemical Biology and Fundamental Research, respectively.

Registration and Fees

	SCS Member	Non-Member
Student/Postdoc	CHF 740	CHF 890
Seminar Participant	CHF 940	CHF 1'090
Single room accomm.	+CHF 200	+CHF 200

Teaching Body

- Dr. Ingmar M. Hörr, Founder of CureVac, Tübingen, DE
- Prof. Claudia Höbartner, Julius-Maximilians-University Würzburg, DE
- Dr. Jean Quancard, Novartis Institutes for Biomedical Research, Basel
- Prof. Andrea Rentmeister, Westfälische Wilhelms-Universität Münster, DE
- Dr. Tamara Reyes Robles, Merck Exploratory Science Center, Cambridge, USA
- Prof. Edward Tate, Imperial College London, UK

Industry Lecturers

- Dr. Christoph Boss, Senior Vice President, Head of Drug Discovery Chemistry, Idorsia Pharmaceuticals Ltd.
- Dr. Erika Lüthi, R&D-Chemist and Project Manager, Valsynthese SA (Société Suisse des Explosifs Group)
- Dr. Daniel Latassa, Project Manager Valsynthese SA (Société Suisse des Explosifs Group)
- Dr. Markus Löweneck, Head of Research & Development, Senn Chemicals AG
- Dr. Mark Schäfer, Bachem AG

Organizing Committee

- Prof. Jean-Louis Reymond, University of Bern (Head)
- Dr. Hans Peter Lüthi, SCS Foundation (Administrative Head)
- Prof. Sascha Hoogendoorn, University of Geneva
- Prof. Aye Yimon, EPFL Lausanne
- Prof. Dennis Gillingham, University of Basel
- Prof. Nina Hartrampf, University of Zurich
- Dr. Aleksandar Stojanovic, Novartis
- Prof. Helma Wennemers, ETH Zurich

Deadlines

13.06.2022 Deadline for abstract submission

28.06.2022 Notification of acceptance with type of contribution (poster, oral communication)

Website and Registration

summer-school22.scg.ch

Swiss Chemistry Science Night 2022



September 16, 2022, Casino Bern

The evening will be a celebration of discovery and innovation in the chemical sciences.

Moderated by Leslie Fendt, Personalized Healthcare Strategy Leader, F. Hoffmann-La Roche AG and Stefan Willitsch, University of Basel, President Division Fundamental Research.

Program

17.00	Aperitif
18.00	Opening and welcome message: Christian Bochet, SCS President Invited guest speakers: Matthias Leuenberger, President scienceindustries Günther Dissertori, Rector ETH Zurich and President of the International Chemistry Olympiad (IChO) 2023
18.45	IChO 2023 in Switzerland: The event and its legacy
19.15	Dinner
20.30	Celebration of the SCS Award Winners 2022: - Prof. Antonio Togni, ETH Zurich - Prof. Fabian O. von Rohr, University of Zurich - RXN for Chemistry Project Team from IBM Research - Dr. Bernd Kuhn, F. Hoffmann-La Roche AG - Prof. Xile Hu, EPFL Lausanne - Dr. Mehrabi Kamiar, ETH Zurich - Dr. Urs Leisinger, Kantonsschule Zug - Dr. Paolo Lubini, Liceo cantonale di Lugano 2, Savosa - Mr. Michele D'Anna, Liceo cantonale di Locarno (retired) - Ms. Stefanie Rychard, HEIA Fribourg
	Celebration of the SCS Honorary Members 2022 - Prof. Karl-Heinz Altmann, Reinach - Prof. Martin Quack, Pfaffhausen - Dr. Reto Naef, Rheinfelden
22.00	Dessert, coffee
23.00	Official end

Participation in the event is by invitation only. The event is supported by our SCS Partnership companies.

Interested in a SCS Partnership? Please contact David Spichiger (spichiger@scg.ch)

ILMAC Lausanne 2022



September 28–29, 2022, Expo Beaulieu Lausanne

Since 1959, ILMAC has been the sole Swiss industry fair for chemicals and life sciences that depicts all the industrial applications in process and laboratory technology. Focus topic: «Sustainable Solutions in Laboratory and Production». As a user-oriented trade fair,

ILMAC is geared to experts in pharmaceuticals, chemicals, biotechnology, food, drinks, cosmetics and others.

Despite this wide range of sectors, ILMAC is still of particularly manageable proportions (it can be visited in a single day), is close to hand (staged in the midst of the pharmaceutical and chemical industries) and depicts the Swiss market in its entirety.

SCS, as the initial founder of the fair, is partnering with Messe Schweiz and coordinates the collaboration with society

partners and the Universities of Applied Sciences. It is also the official organizer of the ILMAC Forum activities.

Website: ilmac.ch

14th Swiss Course on Medicinal Chemistry 2022



October 9–14, 2022, Alpine Classic Hotel, Leysin

This five-day Medicinal Chemistry School that is organized by the Division of Medicinal Chemistry and Chemical Biology of the SCS will focus on most modern aspects associated with small molecule drug discovery, highlighting the methodologies and technologies sup-

porting hit generation, lead finding and lead optimization campaigns. As in previous years, the teaching content will be targeted at young scientists working in the area of medicinal chemistry, but also from flanking disciplines such as biochemistry, pharmacy, pharmacology, or biophysics from the pharmaceutical and biotech industry. Given the broad spectrum and the timeliness of scientific topics discussed, the course also provides a valuable opportunity for advanced medicinal chemists to get acquainted with most recent developments in e.g. the medicinal chemistry of novel target families, novel compound classes, and most modern optimization paradigms. In addition, a number of PhD students and postdocs will be able to attend to receive a broad overview on scientific disciplines involved in modern drug discovery.

The upcoming event will thematically be structured along key topics of strategic relevance for medicinal chemistry that will be presented by opinion leaders in the field. The teaching content will further be intensified by hands-on tutorials in which the theoretical learning's can immediately be applied to real life problems of pre-clinical drug discovery.

Experts:

- Dr. Sabine Hadida, Vice President at Vertex Pharmaceuticals «The cystic fibrosis drug portfolio»
- Dr. Andrew Mortlock, Vice President Oncology Projects and Alliances, AstraZeneca «A broad spectrum of drug discovery opportunities in the field of oncology with associated medicinal chemistry strategies»
- Dr. Robert Copeland, Chief Scientific Officer of Accent Therapeutics «Most modern aspects of drug discovery both, from a therapeutic perspective and a technology point of view»
- Dr. Nicholas A. Meanwell, Vice President at Bristol-Myers Squibb «Truly successful drug discovery campaign pursued at BMS that yielded in an innovative breakthrough medicine»
- Dr. Andy Phillips, Chief Executive Officer and President, C4 Therapeutics, «The concept of targeted protein degradation in which synthetic conjugates of linked protein ligands are utilized to harness the innate power of the human organism to eliminate disease-causing proteins»
- Prof. Dr. Gerhard Klebe, University of Marburg and Prof. Dr. Peter Tonge, Stony Brook University, New York, «The detailed aspects of thermodynamics and kinetics involved in the process of molecular recognition, and aspects of target engagement and drug action»

Website and Registration

scmc22.scg.ch

SCS Seminar on Intellectual Property (IP) 2022 – Hands-on Workshop for Scientists in Life Sciences



November 7–8, 2022, Hotel Schloss Gerzensee

The SCS Seminar on Intellectual Property (IP) 2022 targets researchers, technology transfer managers, and others which are required to deal with chemistry and life science related intellectual property, in particular patents. The goal of the course is to enhance participants' capabilities to assess and manage patent related novelty, inventive step, and freedom-to-operate risks. Some basic knowledge about IP will be beneficial for this hands-on workshop.

The two days will also provide a platform to exchange practical experience on IP management and form a network that can be actively used also after the seminar.

Goals

Participants will learn about:

- Fundamentals about chemistry/life science IP, in particular patents, in an international context for both chemistry and biotech related inventions
- Practical guidance how to develop an IP protection strategy including designing patent claims
- Practical guidance how to conduct patent searches for both patentability and freedom-to-operate questions including assessment and management of freedom-to-operate related risks.

Registration Deadlines and Fees

Aug 15, 2022, early bird registration	CHF 890.00
Oct 30, 2022, regular registration	CHF 950.00

Experts and Organizers:

Prof. Heinz Müller, Dixit Translations LLC
Dr. Michael Kock, Dr. Kock Consulting

Website: ipsem22.scg.ch

ADDITIONAL CONFERENCES IN SWITZERLAND AND ONLINE EVENTS

Future Labs Live 2022: Digital. Automated. Connected.

June 7, 2022, Congress Center Basel

This is the world's most diverse, stimulating, and exciting event for the future of all labs. Start-ups and disruptors will meet lab heads and lab techs, together with the tech & practice innovators: A unique event at a critical time of change!

They're breaking down silos within and between organisations to bring people together to come up with the ideas, the tech and the processes that'll transform the lab of tomorrow. The lab of tomorrow will be very different to the lab of today. There's a clear need to come together to meet, debate, share ideas, best practice, stories of success and stories of disaster.

terrapinn.com/conference/future-labs-live

13th Day of Life Sciences «Competencies in Drug Discovery»

June 9, 2022, ZHAW Campus Grüental (GA), School of Life Sciences and Facility Management

The symposium aims to discuss projects from different therapeutic

tic indications in an interdisciplinary way and to promote the interaction of biological, chemical and medical competencies.

Pharmaceutical research is of great importance to society as it represents a major industry and improves people's lives. In this context, drug discovery and development are crucial steps in improving treatment options for patients. These are challenging and highly interdisciplinary projects with a high degree of complexity. Meeting these challenges requires diverse collaboration between different scientific disciplines as well as between academia and industry. A Center of Excellence for Drug Discovery is therefore being established at the Institute of Chemistry and Biotechnology at ZHAW to foster, support and successfully implement these collaborations. The symposium «Competencies in Drug Discovery» aims to discuss projects from different therapeutic indications in an interdisciplinary way and to promote the interaction of biological, chemical and medical competencies.

Registration deadline is June 7, 2022 and the costs are CHF 150.

Contact: info.icbt@zhaw.ch

zhaw.ch/de/lsvm/weiterbildung/fachtagungen/day-of-life-sciences

MolCH Meeting - annual discussion meeting of the Swiss «molecules@surfaces» research community

June 10, 2022, University of Bern, Department of Chemistry, Biochemistry and Pharmaceutical Sciences, Freiestrasse 3, Bern «molCH» is the discussion meeting of the Swiss «molecules at surfaces» research community, taking place annually in Bern. It was established in 2006 with the goal of fostering scientific exchange and informal contacts between participants in a relaxed setting. Over the years, it has somewhat broadened in scope, and has also become the home of the annual gathering of the Swiss UHV SPM community. The one-day «molCH» meetings consist of presentations selected from the participants suggestions, a few invited keynote presentations, and ample time for discussions during coffee breaks and the traditional lunch in the Restaurant Beaulieu garden.

empa.ch/web/molch/molchmeeting

International Conference on Photochemical Conversion and Storage of Solar Energy (IPS-23)

August 2–5, 2022, SwissTech Center Lausanne

The IPS conference offers a versatile platform to discuss the latest advances in renewable energy and storage research, and to enhance the regional and international collaborations. It offers a versatile platform to discuss the latest advances in renewable energy and storage research, and to enhance the regional and international collaborations. The IPS-23 will welcome scientists, engineers, and students from all over the world to enrich their knowledge, interact to spark new ideas, and foster new collaborations and partnerships. The programme will include a combination of Plenary, invited talks, contributing talks, and poster presentations in a meeting which will bring a broad spectrum of the community together to discuss the latest advances in Energy conversion and storage research. The conference will have the scientific and social programme over five full days, with three parallel sessions after plenary talks.

ips23.epfl.ch

molQueST Conference 2022

August 21, 2022, Congressi Stefano Franscini (CSF)

Atomic and molecular architectures on surfaces exhibit distinct quantum properties. Their reproducible manufacturing is gaining momentum and goes far beyond the single atom and the single spin. This is due to recent experimental breakthroughs and, on the other hand, due to increasing demand from other research areas, in particular quantum science/technology and quantum computing. «Quantum Science Emerging from Atoms and Mol-

ecules at Surfaces» builds upon breakthroughs in the art of making atomic and molecular architectures. Electronic and nuclear quantum states can now be manipulated at the single atomic level in a controlled surface environment by using either local probes or global electric and magnetic fields. This conference, as a continuation of the ones of 2014 and 2017, will address the use of quantum and spin states in atoms and molecules at surfaces for sensing, information storage, and information processing (logic) devices.

For the best poster/contributed oral presentation at the conference, the conference will award one young scientist with a prize of CHF 500, together with a certificate and a small Monte Verità memento. To be eligible for the award, the participant must be under 33 years old and either a PhD student or someone who has obtained her/his doctoral degree within the last 3 years.

molquest.ch

PSI-K Conference 2022 (postponed from 2020)

August 22–25, 2022, EPFL Lausanne

This major conference – the largest worldwide in electronic-structure – brings together the community that is active in the field, as described by the PSI-K mission statement: "... to develop fundamental theory, algorithms, and computer codes in order to understand, predict, and design materials properties and functions. Theoretical condensed matter physics, quantum chemistry, thermodynamics, and statistical mechanics form its scientific core. Applications encompass inorganic, organic and bio-materials, and cover a whole range of diverse scientific, engineering, and industrial endeavours."

The conference program will be structured around 3.5 days, that will include 7 plenary talks, 39 symposia in 6 parallel sessions (136 invited talks and ~170 contributed talks), and a MAD evening to shake it all off.

With more than 1000 participants expected, it will be a key event in the field, offering an intense but enjoyable atmosphere, in addition to a chance to explore the beautiful region around Lausanne and Lake Geneva.

psik2020.net

8th EuChemS Chemistry Congress (ECC) 2023

August 28, 2022, Lisbon Congress Centre

The ECC is a scientifically excellent European chemistry meeting that reflects the outstanding research being done in Europe as well as its role in the international scientific community. The 8th EuChemS Chemistry Congress is being built under the unifying theme of Chemistry the Central Science, focusing on the central role of chemistry at the interfaces with biology, material and environmental sciences, both for the progress of humankind and for the solution of fundamental problems of modern societies. An exciting scientific program led by world class experts will develop around seven main scientific topics:

- Advances in Synthetic Organic Methodologies
- Metal Containing Compounds and Solids: Properties and Applications
- Chemistry meets Biology
- Colloids and Materials
- Biomaterials and Medicinal Chemistry
- Catalysis
- Spectroscopic and Analytical Tools / Advanced Physical Chemistry

euchems2022.eu

LightChEC Symposium & Summer School

September 4–8, 2022, Les Diablerets

The LightChEC Summer School aims to foster the collaboration of the different disciplines researching artificial photosynthesis. By inviting experts in molecular chemistry and materials sci-

ence, the students taking part in the school will participate in lectures and group work led by experienced researchers in the field. They will have time to discuss their projects not only with each other but also with the international experts. Registration is open until the beginning of May. The participation fee is CHF 250, including room and full board. lightchec.uzh.ch/summerschool

Organic Process Research and Development Course for the Pharmaceutical and Fine Chemicals Industries

September 21–23, 2022, 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. Unlike other conferences, practically all their speakers are experts from industry, which means the ideas and information you take home will be directly applicable to your own work.

scientificupdate.com

Microplastics 2022

November 6–11, 2022, Monte Verita, Ascona

The event will explore how synthetic polymers and plastics are currently used, how waste is managed, and how these materials will enter into and affect natural and engineered ecosystems. We will address the concerns related to the effects of increased plastics usage in terms of the sources, fluxes and accumulation of nano- and microplastics.

Key Topics

- Synthetic polymers and microplastics: innovation vs. risks
- Sources and fluxes
- Developments and Challenges of Analytical and Sampling Methodologies
- Freshwater systems
- Terrestrial and agricultural systems
- Plastics across ecosystem boundaries
- Interaction with biota and humans

microplastics2022.ch

International Symposium on Chemical Biology (ISCB) 2022

November 8–10, 2022, Campus Biotech, Geneva

This biennial event is organized by the NCCR Chemical Biology. The OC wish to expose delegates to new areas of research and allow for the cross pollination of ideas. New international collaborations and increased international visibility will hopefully be the outcome of this unique learning experience that comprises extensive poster sessions, ample time for discussion after each talk and opportunities for targeted networking.

symposium.nccr-chembio.ch

SCS LECTURESHIP AWARDS

The SCS Lectureship is awarded to world-class distinguished scientists and it is organized under the patronage of the Swiss Chemical Society. Over a week, the lecturer gives five presentations and discusses with colleagues at four to five different Swiss research institutions. The selection of the lecturers follows a bottom-up approach where PIs from all Swiss research institutions can propose candidates. The program covers all areas of chemistry. The choice among the proposed lectureships is made by the board of the Division of Fundamental Research (DFR) of the SCS.



Prof. Jennifer Field, Oregon State University (USA)

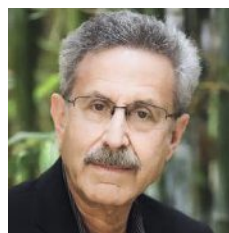
«Advancing Environmental Forensics of Per- and Polyfluoroalkyl Substances»

- Mon, 30. May, 16.30h: FHNW Murtens
- Tue, 31. May, 10.30h: HES-SO and EPFL, Sion
- Tue, 31. May, 16.30h: University of

Geneva

- Wed, 1. June, 16.30h: University of Bern
- Thu, 2. June, 16.00h: Eawag, Dübendorf
- Fri, 3. June, 10.00h: University of Zurich

Tour organizer: Prof. Walter Giger, ETH/Eawag



Prof. Edward I. Solomon, Stanford University (USA)

«Activating Metal Sites for Biological Electron Transfer»

«Geometric and Electronic Structural Contributions to Fe/O₂ Reactivity: Correlations between metalloenzyme and heterogeneous catalysis»

- Mon, 10. October: University of Zurich

- Tue, 11. October: ETH Zurich
- Wed, 12. October: University of Bern and Fribourg
- Thu, 13. October: University of Basel
- Fri, 14. October: EPFL Lausanne

Tour organizer: Prof. Christophe Copéret, ETH Zurich

Additional tours that are planned in fall 2022 or early 2023:

Prof. Abby Doyle, Princeton University (USA)

«Organic synthesis, organometallic catalysis, and physical organic chemistry»

Prof. Daniel G. Nocera, Harvard University, Cambridge, MA (USA)

Research topic(s): Renewable energy, e.g. the artificial leaf and bionic leaf

Prof. Mark S. Taylor, University of Toronto (CAN)

Research Topics: Synthetic methodology, asymmetric catalysis, supramolecular and materials chemistry

The SCS Lectureship tours are financially supported by:



LECTURES JUNE 2022

Please note that the talks of the SCS Lectureship Awards are not listed again in this section.

Dr. Mariana Rossi, Max Planck Institute for the Structure and Dynamics of Matter, Hamburg, Germany

1. Jun 2022 – 16.30h, Universität Basel, large lecture hall PC 3.10

Prof. Kathrin Lang, ETH Zürich

1. Jun 2022 – 17.15h, ETH Zürich, ETH main building, Audi Max (HG F 30)

«An expanded genetic code – adding new chemistries to biology»

Prof. Martin Hersberger, University Children's Hospital Zurich (Kispi), Zurich

1. June 2022, 17.15h, University of Basel, lecture hall 1, Pharmazentrum

«Was macht der Fisch in der parenteralen Ernährung, What is the fish's role in parenteral nutrition»

Prof. Jean-Louis Reymond, University of Berne

2. June 2022, 16.30h, University of Geneva, Auditoire A-100

«Chemical Space Inspired Design of Small Molecules and Peptides»

Prof. Susannah Scott, University of California, Santa Barbara, USA

3. Jun 2022 – 16.15h, Zoom Meeting (EPFL Lausanne)

«Directing catalytic reactions at solid-liquid interfaces: Using renewable and recycled carbon to make platform chemicals»

Prof. John Sutherland, MRC Laboratory of Molecular Biology, Cambridge, UK

9. Jun 2022 – 17.30h, Universität Basel, small lecture hall OC

Prof. Olivier Baudoin, University of Basel

9. June 2022, 16.30h, University of Geneva, Auditoire A-100

«Pd-catalyzed enantioselective C-H activation: concepts and applications»

Dr. Marc Ledendecker, TU Darmstadt, Germany

15. Jun 2022 – 16.30h, Universität Bern, Hörsaal EG 16

«There's Plenty of Room at the Bottom: The Potential of Nanomaterials in Electrochemical Energy Conversion Illustrated on Selected Examples»

Prof. Carlos Geraldes, University of Coimbra, Portugal

17. Jun 2022 – 10.45h, Universität Basel, small lecture hall OC

«Paramagnetic lanthanide and transition metal complexes as in vivo MRI biological reporters»

Prof. Naohiko Yoshikai, Tohoku University, Japan

23. Jun 2022 - 16:15h, EPFL Lausanne, CE 11, Organic Chemistry

«Exploring New Reactions and Synthesis of Trivalent Iodine Compounds»

Please visit either the SCS website or the websites of the departments and institutes as shown below for the latest announcements and the exact location of the lectures.
scg.ch/lectures

Event announcements at Swiss Universities

- EPFL Lausanne
memento.epfl.ch/isic/
- ETH Zurich
chab.ethz.ch/en/news-and-events/events
- University of Basel
chemie.unibas.ch/en/news-and-events/events
- University of Bern
dcbp.unibe.ch/ueber_uns/aktuelles/seminare
- University of Fribourg
unifr.ch/chem/en/info/agenda.html
- University of Geneva
unige.ch/sciences/chimie/en/conferences
- University of Neuchâtel
unine.ch/chim
- University of Zurich
chem.uzh.ch/en/events/schedule
- PSI Villigen
psi.ch/en/science/scientific-events
- EMPA Dübendorf
events.empa.ch
- Eawag Dübendorf
eawag.ch/en/news-agenda/agenda



SCS Academy

Swiss Chemical Society

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

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