



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

BeNeFri Student Spring Symposium 2023



April 13, 2023, University of Fribourg, Adolphe Merkle Institut (AMI)

This one-day symposium is organized for the first time by the youngSCS with support of the NCCR Bio-inspired Materials. This event will provide the opportunity for BSc, MSc and PhD students as well as PostDocs to present their research project in a 15 min pres-

entation. The symposium is open to everyone and free of charge, but a registration is mandatory. Catering will be provided. We encourage students at all levels and postdocs to submit abstracts for oral presentations.

Invited Speakers

Prof. Jovana V. Milic, AMI Fribourg

«Supramolecular Engineering for Smart Energy Materials»

Dr. Angelo Frei, University of Bern

«Unlocking the Potential of Metal Complexes in Medicine: From Cancer Imaging to Antimicrobials»

Registration

31.03.2023 deadline without contribution

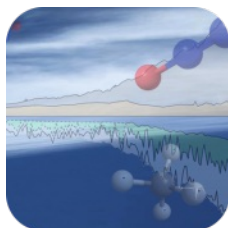
Contact

youngscs@scg.ch

Website

tinyurl.com/BeNeFri-Spring

SCS Spring Meeting 2023: «Chemistry and Physics of the Atmosphere»



April 14, 2023, Irchel Campus, University of Zurich

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 topic of the 2023 symposium is «Chemistry and Physics of the Atmosphere».

Program

- 09.30 Prof. Claudia Mohr, University of Stockholm
«From carbon emissions to cloud formation: The role of aerosol chemistry in feedbacks between climate and vegetation»
- 10.15 Prof. Markus Kalberer, University of Basel
«The Need of Novel Particle Composition Metrics to explain the link between Aerosol Particle Composition and Cellular Toxicity Pathways»

- 11.00 Coffee Break
- 11.30 Prof. Ken Carslaw, University of Leeds
«Atmospheric new particle formation: From chemistry to global climate»
- 12.15 Werner Prize Lecture 2023
Prof. Victor Mougel, ETH Zurich
- 12.50 Lunch Break
- 13.30 SCS General Assembly 2023
- 14.00 Prof. David Fowler, UK Centre for Ecology & Hydrology
«The global nitrogen cycle, an update on the major fluxes, human influence and effects»
- 14.45 Prof. Thomas Peter, ETH Zurich
«Physics and chemistry of aerosols to be injected into the stratosphere to cool the climate - should we participate in their study?»
- 15.30 Coffee Break
- 16.00 Prof. Diana Ürgé-Vorsatz, Central European University
«Topic on climate change and sustainable energy»
- 16.45 Prof. Jürg Matter, University of Southampton
«Carbon dioxide removal via mineralization and enhanced rock weathering»
- 17.30 Prof. Robert Schlögl, Max-Planck-Institut
«Carbon capture and use: potential for climate change mitigation and challenge for catalysis chemistry»
- 18.15 End and Aperitif

Registration and Fees

SCS members

Free of charge

Non-members

CHF 100

Registration deadline for participants: 04.04.2023

Organizing Committee

Prof. Roger Alberto, University of Zurich

Dr. Ulrich Krieger, ETH Zurich and Chair of the Swiss Commission for Atmospheric Chemistry and Physics (ACP)

Prof. Urs Baltensperger, Paul Scherrer Institute, Villigen, CH

Website

sm23.scg.ch

SCS General Assembly 2023

The Board of the SCS invites all members to join the SCS General Assembly 2023 during lunch time of the Spring Meeting. The agenda and all formal documents are published on the website: scg.ch

SCS Spring School on Digital Chemistry 2023



April 16–20, 2023, Eurotel Victoria, Les Diablerets

In recent years, we have seen an active shift towards data-driven decision making in chemistry with the goal of accelerating drug, crop protection, and materials discovery. The approach's power is demonstrated by data-driven solutions

that led to breakthroughs in synthesis prediction, protein structure prediction, and generative chemistry. The rapid progress in this area of research is being driven by a growing open-source community and transdisciplinary collaboration in the fields of cheminformatics, machine learning, and molecular modeling.

In this Summer School, in addition to reviewing the fundamental concepts of machine learning, cheminformatics, and molecular modeling, we will introduce, in hands-on sessions, the essential ingredients for a quicker adoption of data-driven solutions and more effective collaborations. The hands-on sessions will focus both on the application of existing open-source toolkits and the acquisition of skills for the development of new technologies.

Session Topics

Technology Basics & Best Practices in Python
Chemical Data Science
Machine Learning Basics
Ligand-based design
Structure-based design
Reaction/Language models

Lecturers

Dr. Florent Chevillard, Idorsia Pharmaceuticals Ltd.
Dr. Olga Kononova, Syngenta Crop Protection AG
Dr. Julien Hazemann, Idorsia Pharmaceuticals Ltd.
Dr. Greg Landrum, ETH Zurich
Dr. Teodoro Laino, IBM Research Europe, Zurich
Dr. Thorsten Luksch, Syngenta Crop Protection AG
Dr. Christoph Sager, Idorsia Pharmaceuticals Ltd.
Dr. Marco Stenta, Syngenta Crop Protection AG
Dr. Naomi Tidten-Luksch, Idorsia Pharmaceuticals Ltd.
Prof. Andres Volkamer, Saarland University

Organizing Committee (Co-Chairs)

Dr. Torsten Luksch, Syngenta Crop Protection AG
Dr. Teodoro Laino, IBM Research Europe, Zurich
Dr. Hans Peter Lüthi, Swiss Chemical Society

Registration and Fees

	<i>SCS Member</i>	<i>Non-Member</i>
Student/Postdoc	CHF 760	CHF 910
Senior Participant	CHF 960	CHF 1'110
Single room accomm.	+CHF 200	+CHF 200

The deadline for registration was March 5, 2023. If you would like to attend, please contact info@scg.ch to see if there are any short-term spaces available.

Website

aisem23.scg.ch

APPLICA – Seminar für Instrumental-Analytik 2023



April 18, 2023, Hotel Olten

Die APPLICA ist ein praxisorientiertes Fachseminar, welches sich an Anwender moderner Trenntechniken wendet. 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.

Anmeldeschluss

Anmeldeschluss war Ende Februar 2023. Wenn Sie teilnehmen möchten, wenden Sie sich bitte an info@scg.ch, um zu prüfen, ob kurzfristig noch Plätze frei sind.

Teilnahmegebühren für Seminar

Reguläre/r Teilnehmer/in: CHF 100

Lehrlinge/Studenten/innen: CHF 50

Im Preis inbegriffen sind die Seminarunterlagen, die Pausengetränke sowie das Mittagssbuffet.

Organizing Committee

Christian Beerli, Alice Baumli, Roland Looser, Kathrin Wydler

Website

applica-analytik.ch

16. Freiburger Symposium 2023



April 27, 2023, School of Engineering and Architecture of Fribourg HEIA-FR

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.

This year's topic: «From Lab to Industrial Application – Trends/Innovation in Process Chemistry & Technology».

Program, Thursday April 27, 2023

- 09.30 Opening of the 16. Freiburger Symposium
Welcome by Dr. Roger Marti, HEIA-FR and Dr. Urban Jenelten, Firmenich SA
- 09.45 Dr. Michael Dieckmann, Syngenta Crop Protection AG
«Development and scale-up of a novel photochemical C-N oxidative coupling»
- 10.30 Dr. Pascal Miéville, EPFL Lausanne and Dr. Paco Lveille, ETH Zurich
«Swiss CAT+, a data-driven autonomous research infrastructure for new catalyst discovery and optimization»
- 11.15 Dr. Thierry Schlama, Novartis
«From lab feasibility studies to full scale manufacturing, an overview»
- 12.00 Exhibitor Talks
Büchiglas Uster and Willy A. Bachofen AG
- 12.45 Lunch Break & Poster Session
- 14.00 Dr. Kathrin Junge, Leibniz-Institut für Katalyse, Rostock
«Sustainable reduction of carboxylic acid derivatives applying non-noble metal based catalysts»
- 14.45 Dr. Julia Witte and Dr. Roman Goy, DSM Nutritional Products
«Application of advanced membrane technology in the food and pharma sector – the journey from the idea to production»
- 15.30 Short Break

- 16.00 Dr. Jan C. van der Waal, TNO, Delft
«Process intensification at TNO for a sustainable chemical industry»
- 16.45 Keynote Lecture
Prof. David MacMillan, University of Princeton
«The development of asymmetric organocatalysis and metallaphotoredox»
- 19.00 Aperitif and Symposium Dinner

Program, Friday April 28, 2023

- 09.00 Sandmeyer Award Lecture 2022
Dr. Theodoro Laino as representative of the IBM Research Europe, Zurich
«Fueling the digital chemistry revolution with language models»
- 09.45 Sandmeyer Award Lecture 2023
Dr. Boris Schilling and Dr. Fridtjof Schröder, Givaudan Schweiz AG
«Sustainable (-)-ambrox production: chemistry meets biocatalysis»
- 10.30 Short Break
- 11.00 Dr. Alfred Stutz, Dottikon and Dr. Philipp Kohler, Idorsia Ltd.
«Process development of an energetic bromoacetylene and kilogram-scale production of LpXC Inhibitor ACT-1003-3570»
- 11.45 Dr. Anais Jolit, Firmenich SA
«From pine to perfume: Valorization of softwood extracts for the preparation of renewable ingredients for the fragrance industry»
- 12.30 Lunch Break
- 14.00 Dr. Antoine Klaue, Lonza
«Impact of process re-design on sustainability in pharmaceutical small molecule manufacturing: A case study»
- 14.45 Dr. Jörg Sedelmeier, F.Hoffmann-La Roche Ltd.
«Taming highly energetic materials with Flow Technologies to enable API supplies for clinics and beyond»
- 15.30 Best Poster Award Ceremony
- 15.45 Symposium Closure

Registration Fees for 2 days (no accommodation)

SCS DIAC members	CHF 600
SCS members and members of SVC and SGVC	CHF 640
Regular participants, non-members	CHF 800
Retired and unemployed persons	CHF 350
Students (MSc, PhD)	CHF 100

Deadlines

- 16.03.2023 Abstract submission deadline for posters
- 31.03.2023 Registration deadline

Organizers

Ing. ETH Urban Jenelten (Co-Chair), Firmenich SA
Dr. Roger Marti (Co-Chair and local organizer), School of Engineering and Architecture of Fribourg

Website

fs23.scg.ch

SCS Conference on Stereochemistry 2023 (Bürgenstock Conference)



May 7–11, 2023, Hotel Waldstätterhof, Brunnen

The 'SCS Conference on Stereochemistry', better known as 'Bürgenstock Conference', is an outstanding international chemistry meeting of high scientific quality.

According to its long tradition, the 56th Bürgenstock Conference 2023 will again be interdisciplinary, covering many areas of chemistry in its main body, but allowing also for relevant highlights from neighboring disciplines, with due focus on structural and mechanistic aspects in all contributions.

The program consists of 13 plenary lectures (60 minutes), each followed by a discussion session of 30 minutes. Thus, there will be ample time for each topic to be presented fully and examined from different angles and perspectives. Lectures and discussions are held in the mornings and the evenings. The afternoons are free for recreation, informal discussions, and poster sessions.

Organizers

Prof. Cristina Nevado, University of Zurich
Dr. Fabrice Gallou, Novartis Pharma AG
Dr. Maud Reiter, Firmenich SA
Prof. Thomas R. Ward, University of Basel
Prof. Jérôme Waser, EPFL Lausanne
Prof. Francesca Paradisi, University of Bern

Registration

The conference is fully booked.

Website

bc23.scg.ch

DIAC Annual Member Meeting 2023 and Visit of Sika



May 22, 2023, Sika Schweiz AG
Annual meeting of the Division of Industrial & Applied Chemistry (DIAC) and visit of Sika Schweiz AG in Zurich. Registration is mandatory.

In all its operations Sika is strongly committed to innovation and sustainable development. With its sustainability strategy the company pursues the objective of creating lasting value for people and the environment with resource-saving solutions and careful utilization of materials.

Program

- 09.30 Arrival at Sika in Zurich Altstetten and Welcome Coffee
- 10.00 Welcome address by Patricia Heidtman, Chief Innovation & Sustainability Officer, Sika Technology AG
- 10.15 Patricia Heidtman, Sika Technology AG
«Sika's Sustainability and Net Zero Strategy»
- 10.45 Prof. Gonzalo Guillén-Gosálbez, ETH Zurich
«Sustainable chemicals within planetary boundaries»
- 11.30 DIAC Fellowship Award Ceremony
Dr. Kurt Püntener, F. Hoffmann-La Roche AG
- 12.30 Lunch Break
- 13.45 Plant tour of the adhesives production – Sika Manufacturing AG
- 15.15 Closing words & farewell

Patenting Workshop 2023



June 12–13, 2023, Centre Lowenberg
The «Patenting Workshop 2023» is a hands-on workshop for researchers in life sciences & chemistry and the program is specially built for PhDs students and Postdocs. The workshop will be a joint event between Life Sciences Switzerland (LS²) and the Swiss Chemical Society (SCS).

Program, Monday June 12, 2023

- 09.00 Welcome coffee, check-in and registration
09.45 Opening
Urs Gerber, Past-president Life Sciences Switzerland
David Spichiger, Executive Director of the Swiss Chemical Society
10.00 Patents: What is it all about?
Introduction
Dr. Christian Moser, Swiss Federal Institute of Intellectual Property
10.15 Biotechnology related aspects of patenting
Christian Moser, Swiss Federal Institute of Intellectual Property
11.15 Chemistry-related aspects of patenting
Dr. Anna Maira Villa, Swiss Federal Institute of Intellectual Property
11.45 Ethical aspects of patenting
Dr. Anna Deplazes, Institute for Biomedical Ethics and History of Medicine, University of Zurich
12.45 Lunch Break
13.45 Protecting IP during commercialization and in a SME
Dr. Stefan Emler, SmartGene, Zug
14.30 Defend your IP rights & Freedom-to-Operate
Dr. Franziska Bächler, Zentrum für Life Sciences-Recht, ZLSR, University of Basel, Faculty of Law
15.15 Introduction to workshops «Protect, Profit, Prosper»:
Biotechnology Patents (Christian Moser)
Chemistry Patents (Anna Maria Villa)
Commercialization (Stefan Emler)
IP Rights (Franziska Bächler)
15.30 Coffee Break
16.00 Workshops (part 1): «Protect, Profit, Prosper» (First 15' to distribute the groups)
19.00 Dinner on-site
Free exchange & networking among participants & speakers

Program, Tuesday June 13, 2023

- 07.00 Breakfast & room check-out (rooms have to be freed)
08.15 Hands-on introduction to patent searches
Dr. Christian Moser, Swiss Federal Institute of Intellectual Property
09.15 Patenting in Swiss academic institutions
Dr. Raluca Flükiger, Swiss University Technology Transfer, University of Geneva
10.15 Coffee Break
10.45 Workshops (part 2): «Protect, Profit, Prosper»
13.00 Lunch Break
14.00 Presentation of Workshop Results
16.00 Coffee Break
16.30 Career opportunities in the patent field
Prof. Heinz Müller, Clinical Biochemistry, University of Basel
17.30 Closure and departure

Grants/Financial Support from IGE.IPI

The IGE.IPI will support up to 24 candidates (PhD students, post docs) covering their registration fee and accommodation in a double room for the upcoming Patenting in Life Sciences & Chemistry Workshop for PhD students & postdocs 2023.

Organizing Committee

Dr. Adela Calvente (LS² Scientific Officer)
Prof. Heinz Müller (Clinical Biochemistry, University of Basel & former Swiss Federal Institute of Intellectual Property, Bern)

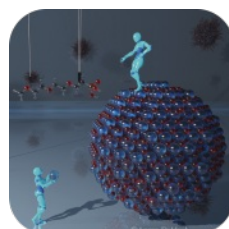
Deadlines

- 08.03.2023 Grant application
27.03.2023 Abstract submission deadline

Website

meetings.ls2.ch/patenting-2023

1st Swiss Symposium on Materials Chemistry 2023



June 14, 2023, AKADEMIE Empa, Dübendorf

The 1st Swiss Symposium on Materials Chemistry 2023 is a major event organized by the SCS Materials Chemistry (MatChem) Network with the aim of connecting scientists across all materials chemistry related fields in Switzerland, including solid-state-chemistry,

materials synthesis, and advanced characterization. A general interest lies in the preparation or understanding of materials with unusual or useful properties, in theory and experiment, and from fundamental to applied research. The program includes a keynote lecture, invited lectures, contributed lectures by PhD students and postdocs, as well as a poster session. There will be ample networking opportunities during lunch, coffee breaks, and the concluding aperitif.

Program

- 09.15 Opening and Introduction by Dr. Maksym Kovalenko, ETH Zurich/Empa
09.25 Welcome Message by Dr. Lorenz Herrmann, Empa
09.40 Keynote Lecture
Prof. Bettina Lotsch, Max Planck Institute, Stuttgart, Germany
10.25 Prof. Ali Coskun, University of Fribourg, CH
11.00 Short Break
11.25 Prof. Jonathan De Roo, University of Basel, CH
12.00 PhD Talks 2×15 min (10 min talk + 5 min Q&A)
12.30 Lunch Break and Poster Session
14.30 PhD Talks 6×15 min (10 min Talk + 5 min Q&A)
16.00 Invited lecture (tbc).
16.35 Best Poster Award and Closing remark
16.45 Aperitif
17.30 End of the Symposium

Organizing Committee

Prof. Maksym Kovalenko, ETH Zurich and Empa
Dr. Simon Christian Böhme, ETH Zurich and Empa

Deadlines

- 30.04.2023 Abstract submission deadline
19.05.2023 Notification of acceptance
26.05.2023 Registration deadline for participants

Participation Fees

SCS members	CHF	50
Non-members	CHF	100

Website

matchem23.scg.ch

The Future of Chemical Education, ChemEdu 2023

August 24, 2023, vonRoll Campus, University of Bern

Within the framework of the Fall Meeting of the Swiss Chemical Society the Division of Chemical Education organises a 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 this symposium are the

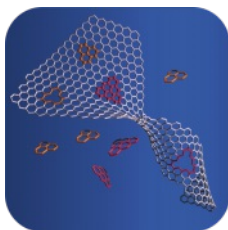
challenges related to teaching chemistry in the first year of the studies at the university. Professors and teachers from all Swiss universities and also external speakers will share their view, experience, strategies and solutions gained and developed while dealing with the chemistry courses for a large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

Contact and Chair of the Organizing Committee

Dr. Jan Cvengros, ETH Zurich
President SCS Division of Chemical Education

Website

chemedu23.scg.ch

SCS Fall Meeting 2023

August 24–25, 2023, vonRoll Campus, University of Bern

The SCS Fall Meeting is the major regularly organized event of the Swiss Chemical Society and one of the largest annual research conferences in Switzerland. For decades, the SCS Fall Meeting has been a great platform for senior scientists to showcase their current

research results as well as for young chemists to present their research, often for the first time ever at a major conference. Be inspired by the people you will meet there and be part as one of the 1'000+ participants.

This year, we are again organizing the SCS Fall Meeting over two days, providing additional opportunities for sharing ideas and networking.

Program Highlights of the first day, Aug 24, 2023

- Helvetica opening session with two renowned speakers
- Four parallel sessions for PI* presentations
- Lectures of our three SCS Honorary Members 2022
- Distinguished Industrial Science Award lecture 2023
- Commercial exhibition and competition for participants
- SCS Get-together party and 1st part of the poster session*
- General Assembly of the youngSCS
-

Program Highlights of the second day, Aug 25, 2023

- Plenary sessions with five lectures of SCS Award winners 2023
- Nine parallel sessions with invited and sponsored lectures as well as PhD short talks*

- 2nd part of the poster session* during the Lunch Break
- Famous Fall Meeting Best Oral and Best Poster Presentation Award ceremony
- Commercial exhibition and competition for participants

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

Organizing Committee

Prof. Eva Hevia, University of Bern
Dr. Hans Peter Lüthi, Swiss Chemical Society

Fees**SCS-members**

participation incl. presenting a talk or poster free of charge

Non-SCS members

presenting a talk or a poster and registration CHF 250

Regular participant CHF 100

Student participant (BSc, MSc and PhD students) CHF 50

Deadlines

29.05.2023 *Abstract submission deadline

27.06.2023 Notification of acceptance

10.07.2023 Full Program on the website

31.07.2023 Registration deadline with invoice payment

17.07.2023 Deadline for registration. On-site registration is possible, but there may be some waiting.

Website

fm23.scg.ch

Euroanalysis 2023

August 27–31, 2023, University of Geneva

Euroanalysis is a biannual international conference of the Division of Analytical Chemistry of the European Chemical Society that attracts about 900 delegates. This 21st edition is locally organized by the Division of Analytical Sciences of the Swiss Chemical Society (DAS). The executive committee of

DAS represents the entire breadth of the research landscape in analytical sciences in Switzerland. Members come from government institutions, industry, and cantonal and federal institutions of higher education. Euroanalysis provides a forum for the European Analytical World to discuss the latest developments in analytical sciences. The theme of the 2023 meeting is: Analytical Probing of Complex Systems. It reflects the urgent need to observe chemical changes in complex systems, from materials surfaces, to living cells and ecosystems, in real time and with adequate spatial resolution.

Four parallel sessions for keynote and contributed oral presentations are planned, along with daily poster sessions. Half and full day short courses are offered on the 27th of August. Exhibiting companies and interested delegates may link up with an on-site job fair. Abstract submissions for oral and poster contributions are now open.

Plenary Lectures

- Prof. Sergey Borisov, Technical University Graz
- Dr. Lukas Emmenegger, Empa Dübendorf
- Prof. Gunda Köllensperger, University of Vienna
- Prof. Jörg Kutter, University of Copenhagen
- Prof. Paola Picotti, ETH Zurich
- Dr. Kevin Plaxco, University of California, Santa Barbara
- Dr. Heinz Singer, Eawag
- Prof. Uwe Sauer, ETH Zurich

Keynote Lectures

- Prof. Robin Anand, Iowa State University
- Dr. Katherine Bakeev, Timegate Instruments
- Prof. Anje Bäumler, University of Regensburg
- Prof. Susana Campuzano Ruiz, University of Madrid
- Prof. Daniel Citterio, Keio University
- Prof. Gert Desmet, University of Brussels
- Prof. Petra Dittrich, ETH Zurich
- Dr. Heidi Goenaga, LGC Limited
- Prof. Justin Gooding, Univ. of New South Wales Australia
- Prof. Aoife Gowen, University College Dublin
- Dr. Davy Guillarme, University of Geneva
- Dr. Róbert Gyurcsányi, Budapest University
- Prof. Lisa Hall, University of Cambridge
- Prof. Albert Heck, University of Utrecht
- Prof. Ron Heeren, Maastricht University
- Prof. Markita del Carpio Landry, Univ. of California, Berkley
- Prof. Charles Lucy, University of Alberta
- Prof. Doris Marko, University of Vienna
- Prof. Boris Mizaikoff, University of Ulm
- Prof. Sibel Özkan, Ankara University
- Prof. Stig Pedersen-Bjergaard, University of Oslo
- Dr. Mary-Lou Tercier Waeber, University of Geneva
- Prof. Lenny Winkel, ETH Zurich
- Prof. Renato Zenobi, ETH Zurich

Registration Fees

Starting at 250 for students (early bird, 30.06.2023)

Deadlines

Abstract submission: 30 April 2023.

Notification of acceptance: 31 May 2023

Organizing Committee

Prof. Eric Bakker, University of Geneva
 Dr. Bodo Hattendorf, ETH Zurich
 Prof. Franka Kalman, HES-SO Valais
 Dr. Marc Suter, Eawag

Website

euroanalysis2023.ch

Swiss Summer School 2023 in Organic Synthesis



August 27–31, 2023, Haute-Nendaz, VS
 The Swiss Summer Schools are multi-day out of town courses for MSc, PhD and postdoctoral students with a focus on chemical synthesis. They offer a platform to students for the scientific exchange with peers and with experts in the field from academia and industry.

Students are welcome to actively involve themselves by presenting a poster or a short communication on their research.

Confirmed Speakers

Prof. Varinder Aggarwal, University of Bristol (UK)
 Prof. Peter Schreiner, Justus-Liebig University, Giessen (GER)
 Prof. Masayuki Inoue, University of Tokyo (JPN)
 Prof. David Niecewicz, University of North Carolina at Chapel Hill (USA)
 Prof. Tanja Gaich, University of Konstanz (GER)

Registration and Fees

	SCS Member	Non-Member
Student/Postdoc	CHF 760	CHF 910
Senior Participant	CHF 960	CHF 1'110
Single room accomm.	+CHF 200	+CHF 200
Conference dinner	+CHF 70	+CHF 70

Deadlines

09.07.2023 Deadline for registration

We have a limited capacity of 80 participants

Organizing Committee

Prof. Philippe Renaud, University of Bern
 Dr. Hans Peter Lüthi, SCS, ETH Zurich

Website

summer-school23.scg.ch

International Summer School on Electrocatalysis and Electrosynthesis 2023



August 28–31, 2023, Hotel Metropole Interlaken

This International Summer School aims at providing an overview about state-of-the-art approaches and concepts tackling contemporary challenges which are associated with the decarbonization and defossilization of the chemistry sector. In this context, electrochemical processes are considered essential to enable this transition as they provide means to produce platform chemicals on larger industrial scale or fine chemicals of higher value using renewable energy sources. To shine light on the actual sustainability aspects of the transformation processes under consideration insights from life cycle analyses (LCAs) will be presented and discussed. Outcomes of these LCAs might serve as further guidance towards the design of more sustainable chemical transformations. Possible starting materials for these (catalytic) electrolysis and electrosynthesis approaches are abundant reactants such as CO₂, N₂, nitrate, H₂O or even more complex organic precursors. Not only material aspects of catalyst / electrode fabrication will be addressed in this Summer School but also design principles of reactors / electrolyzers and their stability under relevant industrial working conditions.

During the whole Summer School there will be plenty of room for exchange and discussions between the attendees and the invited lectures.

Confirmed Speakers

- Prof. Erwin Reisner, University of Cambridge, UK
 «Energy and Sustainability»
- Prof. Gonzalo Guillén Gosalbez, ETH Zurich/ NCCR Catalysis
 «Life Cycle Analysis»
- Prof. Csaba Janaky, University of Szeged, Hungary
 «CO₂ electrolysis»
- Prof. Sophia Haussener, EPFL Lausanne/NCCR Catalysis
 «Transport processes in gas diffusion electrodes»
- Dr. Günter Schmid, Siemens Energy, Germany
 «Industrial CO₂ and water electrolysis»

- Dr. Alexander Bagger, Imperial College London, UK
«Modeling of OER, HER, and CO₂RR»
- Prof. Atsushi Urakawa, TU Delft, The Netherlands
«Nitrate and NO_x reduction»
- Prof. Carlos Huitle Martinez, Natal University, Brasil
«Electrochemical wastewater treatment and upscaling»
- Prof. Siegfried R. Waldvogel, University of Mainz, Germany
«Scalable organic electrosynthesis»
- Prof. Robert Francke, LIKAT Rostock, Germany
«Mediated organic electrosynthesis»
- Dr. Chris Scaborough, Syngenta, Switzerland
«Industrial organic electrosynthesis»
- Dr. Richard J. Smith, Helvetica Chimica Acta, Wiley-VHCA
«Scientific publishing»

Registration and Fees	SCS Member	Non-Member
Student/Postdoc	CHF 750	CHF 750
Senior Participant	CHF 850	CHF 900
Single room accomm.	+CHF 150	+CHF 150

Deadlines

26.06.2023 Deadline for registration

Organizing Committee

Prof. Matthias Arenz, University of Bern
Prof. Peter Broekmann, University of Bern / NCCR Catalysis
Prof. Siegfried R. Waldvogel, University of Mainz

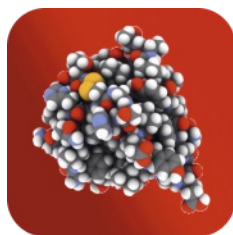
Website

electrose23.scg.ch

Peptide Therapeutics Forum 2023

September 4–5, 2023, Zentrum für Lehre und Forschung, University of Basel

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



Similar to previous events in the framework of Basel Life, presentations highlight important new insights regarding the drug discovery of peptides including examples for successful development candidates. The forum disseminates information on latest news in the broad field of therapeutic peptides and

enables networking of interested parties from academia and industries.

Confirmed Speakers

- Prof. Markus Kaiser, University of Essen (DEU)
- Prof. Kim Lewis, Northeastern University (US)
- Prof. Yu-Shan Lin, Tufts University, Melford (US)
- Dr. Hans Maric, University of Würzburg (DEU)
- Prof. Christian Ottmann, Eindhoven University (NL)
- Prof. Stefan Pless, University of Copenhagen (DNK)
- Prof. Ali Tavassoli, University of Southampton (UK)
- Dr. Meritxell Teixidó, Gate2Brain (ESP)
- Dr. René Thürmer, Federal Institute for Drugs and Medical Devices, Bonn (DEU)

Deadlines

31.03.2023 Abstract submission for contributed talks

25.06.2023 Abstract submission for posters

20.08.2023 Registration for participants

Registration and Fees

	SCS Member	Non-Member
Student/Postdoc	CHF 50	CHF 50
Senior Participant	CHF 150	CHF 200
Online Participation	CHF 50	+CHF 50

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

ptf23.scg.ch

Swiss Chemistry Science Night 2023



September 15, 2023, Casino Bern

The Swiss Chemistry Science Night was launched in 2021 to honor and celebrate the winners of the Swiss Chemical Society's award programs in front of distinguished representatives from industry, academia and politics. It is a celebration of discoveries and innovations in the chemical sciences and provides a

networking platform for members from industry and academia.

Attendance is by invitation only. If you would like to attend this vibrant gala evening, please contact info@scg.ch to inquire about opportunities to participate.

ILMAC Basel 2023



September 26–28, 2023, Messe Basel

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. As a user-oriented trade fair, ILMAC is geared to experts in pharmaceuticals, chemicals, biotechnology, food, drinks, cosmetics and others.

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. SCS and its partnersocieties, SVC and SBA, are also the official organizer of the ILMAC Conference.

ILMAC Conference Day 1: Digitalization

September 26, 2023

09.15	Welcome Coffee at the SCS Booth
10.00	Introduction Day 1
10.15	Dr. Nessa Carson, AstraZeneca, Macclesfield, UK
10.45	Dr. Arndt Finkelmann, Syngenta
11.15	Dr. Trixie Wagner, Novartis
11.45	Dr. Nick Lynch, Curlew Research / BioExcel Center of Excellence for Computational Biomolecular Research, / Open Phacts Foundation, UK
12.15	Lunch and networking
13.30	Start-up Session
14.00	Contributed Talks 1&2*
14.30	Break
15.00	Contributed Talks 3&4*
15.30	2x Invited lecture
16.30	Aperitif
17.00	Swiss Women in Chemistry (SWC) Evening

ILMAC Conference Day 2: Chemical Technologies**September 27, 2023**

- 09.15 Welcome Coffee at the SCS Booth
 10.00 Introduction Day 2
 10.15 Prof. Oliver Kappe, University of Graz
 10.45 Marc André Müller, DSM
 11.15 Camille Le Chapelein, Syngenta
 11.45 Ludovic Gramaud, HEIA-FR
 12.15 Lunch and networking
 13.30 Start-up Session
 14.00 Contributed Talks 1&2*
 14.30 Break
 15.00 Contributed Talks 3&4*
 15.30 Georg Wuitschik, Roche
 16.00 Fabrice Robiveux, Firmenich
 16.30 Aperitif and ILMAC Networking Event

ILMAC Conference Day 3: New Biotech Methods**September 28, 2023**

- 09.15 Welcome Coffee at the SCS Booth
 10.00 Introduction Day 3
 10.15 Pheida: Integrated biotech systems
 10.45 Dr. Wolfgang Minas, Chemengineering
 11.15 Dr. David Nippa, Roche
 11.45 Dr. Laura Leemans, Novartis
 12.15 Lunch and networking
 13.30 Start-up Session
 14.00 Contributed Talk 1&2*
 14.30 Break
 15.00 Prof. Oya Tagit, FHNW
 15.30 Invited Lecture
 16.00 Aperitif
 17.00 End of ILMAC 2023

***Application for Contributed Talks**

Apply for a 15 min contributed talk (industrial or academic) via the website of the SCS: scg.ch/ilmac2023. Deadline for abstract submission is end of May 2023.

Registration

Participants registration will open in early summer on ilmac.ch. Check our website or send a mail to info@scg.ch for the SCS promo code to get your ticket for free.

Organizing Committee of the ILMAC Conference

Dr. Fabrice Gallou, Novartis
 Dr. Claudio Battilocchio, Syngenta
 Prof. Roger Marti, HEIA Fribourg
 Dr. Torsten Luksch, Syngenta
 Dr. Michael Altorfer, SBA
 Mr. Marc Oliver Bürgi, SVC/Chemengineering
 Mr. David Spichiger and Céline Wittwer, SCS
 Ms. Céline Futterknecht, Messe Schweiz/ILMAC

Website

ilmac.ch, scg.ch/ilmac2023

NON-SCS CONFERENCES IN SWITZERLAND, SCS SUPPORTED EVENTS ABROAD AND ONLINE EVENTS**ANAKON 2023**

Apr 11–14, 2023, Wien (Austria)

As the most important joint conference of German, Austrian and Swiss analytical chemistry, ANAKON 2023 offers the opportunity for scientific exchange between analysts from the German-speaking region - but also beyond.

anakon2023.at/welcome

Swiss Soft Days 2023

Apr 14, 2023, University of Fribourg

The Swiss Soft Days is a one-day workshop taking place 2 times per year where around 10 to 20 speakers give short talks (~15 minutes) to introduce their research activities in a way specifically designed for a heterogeneous public.

The 31st edition of the Swiss Soft Days will be a joined meeting with the Division of Polymers, Colloids & Interfaces of the Swiss Chemical Society. Besides well established scientific figures, the workshops are aimed at emerging researchers, especially assistant professors, post-docs and PhD students.

swisssoftdays.ethz.ch

Swiss Biotech Days 2023

Apr 24-25, 2023, Congress Center Basel

In 2023, the Swiss Biotech Day will again offer high-level experts from the life sciences industry the space and the time (one and a half days) to network, discuss and discover trends in R&D, manufacturing, data management, artificial intelligence and innovative financing. International biotech delegations can visit the “Global Village” to strengthen their ties with Switzerland as a biotech hub and promote cross-border investments, public-private partnerships, research and development collaborations and exchange of talent.

swissbiotechday.ch

Operando VII – the 7th International Congress on Operando Spectroscopy

May 7–11, 2023, Sunstar Hotel Grindelwald

The main objective of this congress is to bring researchers together to discuss the progress of operando methodologies, i.e. characterization of functional materials in their working state.

indico.psi.ch/event/8358/

Future Labs LIVE 2023

May 31–Jun 2, 2023, 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.

terrapinn.com/conference/future-labs-live/index.stm

Eurachem Workshop at the Eurachem General Assembly 2023

May 22, 2023, Eidg. Institut für Metrologie

The workshop with its focus on Ensuring reliable and accurate results of analytical processes will be relevant to anyone involved in analytical processes, for example quality laboratory technicians and managers; measurement instrument manufacturers, representatives of accreditation authorities, metrology institutes and standardisation bodies; technical assessors as well as customers of laboratory services.

metas.ch/eurachem2023

26th ETH Nanoparticles Conference 2023

June 20–22, 2023, ETH Zurich

The Nanoparticle Conference in 2023 is organized as an on-site conference at the ETH Zurich. It serves as an interdisciplinary platform for expert discussions on all aspects of nanoparticles, freshly emitted from various sources, transformed in ambient air, distributed on local and global scale, on technical mitigation aspects, particle legislation, and impact of particles on health, environment, and climate. The conference brings together representatives from research, industry, and legislation.

npc23.scg.ch

HPLC Düsseldorf 2023

July 18–22, 2023, Congress Center Düsseldorf

The program will span from fundamentals and theory of chromatographic separations and detection principles, over methodological and technological advances including separation materials, column technologies and instruments, to applications in various fields and quality assurance aspects. The symposium will feature workshops and tutorials, plenary and keynote lectures from the leading scientists in the field. HPLC 2023 will have a big exhibition and vendor seminars in which attendees can see the latest innovations from the leading vendors in the field.

The HPLC symposium series is known as the world leading conference on liquid phase separations and related technologies. Its program covers all aspects of separation sciences in liquid and supercritical fluid phases as well as hyphenation with advanced detection technologies, in particular mass spectrometry. The program will span from fundamentals and theory of chromatographic separations and detection principles, over methodological and technological advances including separation materials, column technologies and instruments, to applications in various fields and quality assurance aspects. The symposium will feature workshops and tutorials, plenary and keynote lectures from the leading scientists in the field. HPLC 2023 will have a big exhibition and vendor seminars in which attendees can see the latest innovations from the leading vendors in the field.

hplc2023-duesseldorf.com

International Chemistry Olympiad (IChO) 2023

July 16–25, 2023, ETH Zurich

The International Chemistry Olympiad (IChO) is an annual competition for the world's most talented chemistry students at the secondary school level. Nations around the world send a team of four students who are tested on their chemistry knowledge and skills in a five-hour laboratory practical exam and a five-hour written theoretical examination.

icho2023.ch

Swiss Automation 2023

August 31, 2023, OST Ostschweizer Fachhochschule Rapperswil 12. Symposium on Lab Automation mit Fachreferaten von und für Branchenexperten aus dem Gebiet der Automation und Instrumentation im Medizinal- und Lifescience-Sektor für Neuheiten sowie innovative Entwicklungsansätze für die Laborautomation mit dem Schwerpunktthema «Efficiency in Automation». Parallel dazu bietet das 3. Symposium on Robotics and Industrial Automation für die Industrie eine anwendungsorientierte Plattform mit Fachreferaten zu innovativen Technologien der Robotik und Automation.

ost.ch/ilt

AOFKA 2023

September 10–13, 2023, ETH Zurich

AOFA Conference Series (Applied surface analytics)

This conference series has a long tradition and is dedicated to

applied surface analytics. Over the years, it became an important panel for developer and user of surface analytics instruments and equipment.

FKA Conference Series (solid state analytics)

The FKA conference is held biannually alternating between Vienna and Chemnitz. It has a very strong interdisciplinary character with the focus on scientific exchange between analytical-methodological developments and scientific-technological problem solving covering all fields of research on solids. This broad range of topics combined with the intimate character of the conference has made FKA very unique and appreciated in the scientific community for many decades in Germany, Austria and Switzerland, but also among participants from neighboring countries.

aofka23.scg.ch

Fachtagung Umwelt, 2023

September 11, 2023, FHNW Muttenz

«Gemeinsam gegen die globale Umweltverschmutzung: Bildung und Forschung für saubere Lösungen»

Gemeinsame Jahrestagung der SETAC GLB e.V., GDCh-FG-Umweltchemie & Ökotoxikologie.

Diese Konferenz ist eine gemeinnützige Veranstaltung und die bedeutendste Tagung im Bereich der Ökotoxikologie im deutschsprachigen Raum (SETAC GLB). Auch die neuesten Entwicklungen aus der Umweltchemie und chemischem Monitoring sind ein wichtiger Teil der Tagung, was durch die Mitorganisation von Seiten GDCh, Fachgruppe Umweltchemie und Ökotoxikologie, repräsentiert wird. Die Konferenz und das Programm fördert explizit Studierende und NachwuchswissenschaftlerInnen in ihrer Vernetzung und Werdegang. Dadurch ist das Event ein wichtiger Milestone in deren Entwicklung – da hier junge ChemikerInnen auf potentielle Arbeitgeber und bereits etablierte Wissenschaftler treffen und ihre neusten Forschungsergebnisse vorstellen können.

fhnw.ch

European Healthy Soils: 1st Edition: Soil Fertility 2023

September 13–15, 2023, FHNW Muttenz

This first edition of the European Healthy Soils Conference Series will address the relevance of healthy soils and soil fertility as prerequisite for a functioning society, environment, economy, and climate. The 3-day conference aims to bring together soil scientists, along with stakeholders from industry, agriculture, and the public sector, to discuss the maintenance of and opportunities in healthy soils. The event is co-organized by the FHNW School of Life Sciences and Agroscope, under the umbrella of the European Federation of Biotechnology divisions of Plant, Agriculture & Food and Environmental Biotechnology. While this topic is not 100% related to only chemistry, we aim to address a broad interdisciplinary audience to this conference and have accordingly invited keynote speakers from a variety of organizations, Industry and “Brussel” Stakeholders.

efbiotechnology.org/healthysouls

SCS LECTURESHIP AWARDS

Prof. David Nesbitt, JILA and University of Colorado, Boulder (USA)
Research fields: High resolution laser spectroscopy of radicals, ions and molecular ion clusters; Chemical Reaction Dynamics: Gas-Liquid; Quantum nanostructures and photonic nanomaterials; Single Molecule Biophysics: Microscopy, Kinetics and Thermodynamics

Tour dates:

- Tue, Apr 25: ETH Zurich
- Wed, Apr 26: University of Zurich

- Thu, Apr 27: University of Basel
 - Mon, May 1: EPFL Lausanne
 - Tue, May 2: University of Geneva
- Tour organizer: Prof. Stefan Willitsch, University of Basel

The SCS Lectureships are supported by the Platform Chemistry of the SCNAT and Helvetica



LECTURES APRIL 2023

Abschiedsvorlesung: **Prof. Lino Guzella, Maschinenbau und Verfahrenstechnik, ETH Zurich**

03. April 2023 – 17:15, ETH Zurich, Hauptgebäude, Audimax

Prof. Christian Becker, University of Vienna, AUT

04. April 2023 – 16:30, University of Zurich, Department of Chemistry, Lecture Hall Y15-G-40

«Protein (Semi-)Synthesis - Providing Tailor-Made Proteins for Biology and Medicine»

Prof. David J. Procter, The University of Manchester, UK

06. April 2023 – 16:30, Université de Genève, Auditoire A100

Prof. Giulio Cerullo, Politecnico di Milano, Milano, ITA

12. April 2023 – 16:30, University of Basel, Large Lecture Hall PC, Room 3.10

«Real-Time Observation of Conical Intersection in Biomolecules»

Prof. Frédéric Taran, Paris-Saclay University, FRA

13. April 2023 – 16:30, Université de Genève, Auditoire A100

«Mesoionic Compounds: New Tools for Click Chemistry and Chemical Biology»

Prof. Euan Brechin, University of Edinburgh, UK

14. April 2023 – 10:45, University of Basel, Department of Chemistry, small lecture hall OC

«Fe (III) is dead, long live Fe (III)»

Prof. Natalie Banerji, University of Bern

18. April 2023 – 16:30, University of Zurich, Department of Chemistry, Lecture Hall Y15-G-40

«Charge Transfer Dynamics and Terahertz Conductivity in Electrochemically Doped Conjugated Polymers for Bioelectronic Applications»

Prof. Astrid Bergeat, University of Bordeaux, Bordeaux, FRA

19. April 2023 – 16:30, University of Basel, Department of Chemistry, small lecture hall OC

«Probing Resonances in Near-Threshold Inelastic Collisions»

Prof. Maria Ibanez, IST, AUT

21. April 2023 - 10:45, University of Basel, Department of Chemistry, small lecture hall OC

Prof. Hideki Yorimitsu, University of Kyoto, JPN

24. April 2023 – 16:30, Université de Genève, Auditoire 1S059

«Aromatic Metamorphosis: Breaking Aromaticity to Construct New Cyclic Systems»

Prof. Hideki Yorimitsu, University of Kyoto, JPN

28. April 2023 – 10:45, University of Basel, Department of Chemistry, small lecture hall OC

«Reductive Metalation of Unsaturated Bonds by Taming Radical Anions»

Please visit either the SCS website or the websites of the departments and institutes for the latest announcements and the exact location of the lectures.

scg.ch/lectures

Thieme WebCheminars

presenting special topics on
organic synthesis

featuring expert chemists

Check
out dates
& topics!

