



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

Bürgenstock Conference 2019



May 5–9, 2019

Seehotel Waldstätterhof, Brunnen

The 'SCS Conference on Stereochemistry', better known as 'Bürgenstock Conference', is an outstanding international chemistry meeting of high scientific quality, with an optimal setting for intense inter-disciplinary discussion.

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.

Contact:

Prof. Cristina Nevado, cristina.nevado.bc@chem.uzh.ch

Dr. Fabrice Gallou, fabrice.gallou@novartis.com

Website: scg.ch/buergenstock

Freiburger Symposium 2019 by DIAC



«Industrial Applications of Catalysis – Time for New Approaches»

May 16–17, 2019, University of Applied Sciences Fribourg, Building A, Auditorium, Edouard Gremaud, Fribourg

The objective of this biennial conference is to regularly provide our members and other interested chemists working in process development and production

with opportunities for professional training and networking.

Program Thu, May 16, 2019

- 08.45 Opening of the symposium's reception des
- 09.30 Opening. Address of welcome by
Dr. Roger Marti, HTA-FR
Dr. Bernhard Urwyler – Board Director of DIAC
Dr. Remo Gamboni – Introduction to the program
- 09.45 «Optimization of Catalysts with virtual High Throughput Screenings, Genetic Algorithms, and Machine Learning»
Dr. Marek P. Checinski, Founder and CEO of Creative-Quantum GmbH, Berlin, Germany
- 10.30 «Tackling Challenges in Industrially Relevant Homogeneous Catalysis: The Catalysis Research Laboratory (CaRLa), an Industrial–Academic Partnership»
Dr. Thomas Schaub, BASF SE, Ludwigshafen, Germany
- 11.15 «Olfactory Pleasures: How to Access Kg-Quantities of a Thiadiazole without Lawesson Reagent?»

Dr. Gabriel Schäfer, Idorsia Pharmaceuticals Ltd., Allschwil

- 12.00 Lunch break and Poster Session
- 14.00 «Use of Catalysis in Fine Chemical Industry – From Research to Manufacturing – Case Study»
Dr. Bastien Monnerat, Syngenta Crop Protection, Monthey
- 14.45 «Biocatalysis in the Flavor & Fragrance Industry»
Dr. Fredi Brühlmann, Firmenich SA, Geneva
- 15.30 Coffee break
- 16.00 «(Swiss) Innovations in Selective Heterogeneous Hydrogenations – from the 1950s to the Present Day»
Dr. Jonathan Medlock, DSM Nutritional Products, Kaiseraugst
- 16.45 Keynote Lecture: «Catalysis – an important tool in Siegfried's offering»
Dr. Jürgen Roos, CSO, Member Executive Committee Siegfried AG, Zofingen
- 19.00 Aperitif and Symposium Dinner

Program Fri, May 17, 2019

- 08.30 Opening of the symposium's reception desk & coffee
- 09.00 Sandmeyer Award Lecture 2019
«Arsenic and other Geogenic Contaminants in Groundwater – a Global Challenge»
Dr. Andreas Voegelin and Dr. Stephan Hug, Eawag, Dübendorf,
- 10.00 Sandmeyer Award Lecture 2018
«Design, Synthesis and Biological Evaluation of Strigolactone and Strigolactam Derivatives for Potential Crop Enhancement Applications in Modern Agriculture»
Dr. Alain De Mesmaeker and Dr. Raymonde Fonné-Pfister, Syngenta Crop Protection Research, Stein
- 10.45 Coffee break
- 11.00 «Enzyme Catalysis in the Synthesis of Ipatasertib, AKT Inhibitor»
Dr. Hans Iding, F. Hoffmann-La Roche Ltd., Basel
- 11.45 «Application of Transition-metal Catalysis and Biocatalysis as State-of-the-art Technologies in the Manufacture of a Key Intermediate of Entresto»
Dr. Florian Kleinbeck, Novartis Pharma AG, Basel
- 12.30 Lunch break
- 14.00 «Catalysis at Johnson Matthey: On the Cost Effective Use of Catalysis for Complex Synthesis»
Dr. Antonio Zanotti-Gerosa, Johnson Matthey, Cambridge, UK
- 14.45 «Engineering of 3D Printed Catalytic Reactors»
Prof. Simon Kuhn, KU Leuven, Belgium
- 15.30 «Catalysis Engineering for Sustainable Technologies»
Prof. Dr. Javier Pérez-Ramírez, ETH Zurich
- 16.15 Closure of the Symposium

Contact:

Dr. Roger Marti, HEIA-FR, roger.marti@hefr.ch

Website: scg.ch/freiburgersymposium/2019

SCS Photochemistry Symposium 2019



June 14, 2019, 10.00–17.30h
University of Applied Sciences Fribourg,
Building A, Auditorium, Edouard Gre-
maud, Fribourg

This one-day symposium is an initia-
tive of the Photochemistry Section of
the Swiss Chemical Society to promote
the exchange within the photochemistry
community in Switzerland and beyond.

It will comprise scientific contributions from all areas of pho-
tochemistry as well as three keynote lectures on the topics of
ultrafast spectroscopy, new luminescent metal complexes and
solar cells.

Program Fri, June 14, 2019

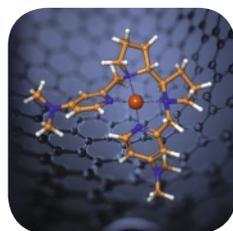
- 10.00 Registration and Welcome Coffee
10.30 Prof. Stephen Meech, University of East Anglia, UK
«Transient Electronic and Vibrational Spectroscopy of
Mechanism in Photomolecular Motors»
11.00 4 contributed talks
12.00 Lunch
13.00 General Assembly of the Photochemistry Section
13.30 Prof. Natalie Banerji, University of Bern, Switzerland
«Charge generation and transport in organic solar cells»
14.00 2 contributed talks
14.30 Poster Session
15.45 Prof. Katja Heinze, University of Mainz, Germany
«Near-Infrared Emission with Earth-Abundant Metal
Ions»
16.15 3 contributed talks
17.00 Closing Remark
17.10 End of the symposium

Deadline for applications to give a contributed talk is April 30,
2019. Apply and upload your abstract while registering.

Contact:

Prof. Olivier Nicolet, HEIA-FR
Website: scg.ch/pcs/2019

NoNoMeCat Symposium 2019



June 14, 2019, 09.00–17.30h
Syngenta Research Center, Stein (AG)
The NoNoMeCat Network, the Swiss
Catalysis Community (SwissCat) and
SusChem Switzerland invites industrial
and academic scientists to join the Swiss-
Cat Symposium 2019 that is organized
on the occasion of the 4th NoNoMeCat
annual meeting. The program includes

seven expert talks in the field of non-noble metal catalysis includ-
ing Mn, Fe, Co, Ni, Cu and also provides a platform for younger
scientists to present their research as poster presentation.

The Syngenta Research Center in Stein offers a perfect plat-
form to exchange latest findings and to discuss trends and efforts
to more sustainable and less toxic catalytic reactions.

Program Fri, June 14, 2019

- 08.30 Registration Welcome Coffee
09.00 Prof. Paul Knochel, LMU Munich
09.45 Prof. Bert Klein Gebbink, Utrecht University
10.30 Coffee Break
11.00 Dr. Tomas Smejkal, Syngenta Crop Protection AG

- 11.45 Dr. Stephan Bachmann, F. Hoffmann-La Roche AG
12.30 Lunch
Poster Session
14.30 Prof. Miquel Costas, University of Girona
15.15 Prof. Jeremy Harvey, University of Leuven
16.00 Prof. Deborah Kays, University of Nottingham
16.45 Closing Remark
End of the symposium

Non-Noble Metal Catalysis (NoNoMeCat)

NoNoMeCat is a 4-year Marie Skłodowska-Curie Ini-
tial Training Network (MSCA-ITN-ETN) project starting on
January 1st 2015. The NoNoMeCat project brings together an
academic/industrial consortium with complementary skills con-
sisting of 9 partners and 5 partner organisations, from 7 coun-
tries. NoNoMeCat will enrol 13 Early Stage Researchers (ESRs)
who will receive structured training in experimental and theo-
retical aspects of non-noble metal chemistry as well as transfe-
rable skills such as research integrity, scientific communication
and public outreach. Tight integration of non-academic partners
will expose all ESRs to aspects of both fundamental interdis-
ciplinary research and industrial application, paving the way for
long-standing intersectorial collaborations.

Transition metal catalysts are formidable tools towards
greener chemistry, allowing for low-waste, energy-efficient, and
selective reactions. However, the noble metals (Ru, Os, Rh, Ir,
Pd, Pt) that are currently most common in homogeneous catalysts
suffer from high toxicity and environmental impact in addition
to their scarcity and ensuing high cost. First-row metals (Mn, Fe,
Co, Ni, Cu) are emerging as environmentally benign alternatives,
but to this day rarely equal the performance of their noble coun-
terparts. The NoNoMeCat network aims at providing excellent
and structured interdisciplinary training to a generation of young
researchers in the field of Non-Noble Metal homogeneous Catal-
ysis who will push the boundaries of the field in terms of:

- catalyst stability
- selectivity
- mechanistic understanding
- scalability

These challenges are addressed in three areas of high funda-
mental and practical significance: the oxidation of hydrocarbons,
the formation of new C-X bonds (C-C, C-N) bonds through
cross-coupling reactions, and clean energy production.

Contact:

Dr. Andrew J.F. Edmunds, Syngenta and Prof. Dr. Martin Albrecht,
University of Bern
Website: scg.ch/nonomecat/2019

Swiss Summer School 2019: Trends in Organic Synthesis



August 18–22, 2019
Eurotel Victoria, Villars-sur-Ollon

The Swiss Summer Schools, also
referred to as Villars Summer Schools,
are one-week out-of-town course/con-
ference-type events for MSc, PhD and
postdoctoral students with a focus on se-
lected topics. They offer a platform for
the active scientific exchange between

students and lecturers, and between the participants themselves.
The students are expected to actively be involved by presenting
a poster or a short communication on their research.

Researchers from industry as well as students from abroad
are most welcome to participate.

There will be a series of special lectures presented by researchers from industry. After the lecture, and throughout the evening, the lecturers will be available for discussion with the participants.

The Villars Summers Schools have a long tradition and date back to the séminaires du 3^{ième} cycle of the 1960ies. Until recently, they were organized by a consortium of universities (Bern, Fribourg, Neuchâtel, Zürich and the EPFL) and are now held as a national event organized by the Swiss Chemical Society as part of its SCS Seminar Series.

Lecturers and Experts:

- Prof. Darren Dixon, University of Oxford
- Prof. Corey Stephenson, University of Michigan
- Prof. Shunsuke Chiba, NTU Singapore
- Prof. Ilhyong Ryu, Osaka Prefecture University
- Prof. Herbert Mayr, LMU Munich
- Dr. Joanna Wencel-Delord, University of Strasbourg

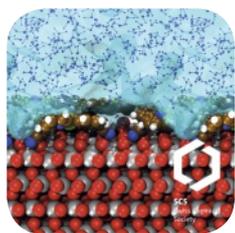
Chairs:

Prof. Philippe Renaud, University of Bern and Prof. Christian Bochet, University of Fribourg

Contact:

Dr. Hans Peter Lüthi, SCS Foundation
Website: scg.ch/scs-seminars/2019-1

SCS Fall Meeting 2019



September 6, 2019, 09.00–18.45h
University of Zurich, Irchel Campus, Zurich

For generations of young chemists educated in Switzerland, the Fall Meeting has been a great platform to present their research – often for the first time ever at a major conference – and to be inspired by the people you get to meet.

The Scientific Program offers Award Lectures presented by leaders in their respective fields, as well as invited and contributed lectures in eight thematic sessions. For each of these, there also is a poster session. All in all, we expect about 600 scientific presentations.

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

Finally, the best student oral and poster-presentations of each session will be awarded prizes. The SCS Metrohm and DSM Award Programs are among the most highly remunerated, and the Award Ceremony at the end of the meeting marks one of the highlights of the event.

Abstract submission is open until May 12, 2019

Co-Chairs:

Prof. Roger Alberto, University of Zurich / DFR President and Dr. Hans Peter Lüthi, ETH Zurich / SCS Foundation

Website: <http://scg.ch/fallmeeting/2019>

ILMAC 2019 and Swiss Green & Sustainable Chemistry Days 2019



24.09.2019–27.09.2019

Messe Basel, Basel

The Swiss Green & Sustainable Chemistry Days 2019 will focus on sustainable solutions to society's big challenges and the contributions that chemical sciences can and must provide.

ILMAC is Switzerland's only trade fair for process and laboratory technology

and takes place on a yearly basis alternating between Basel and Lausanne. It was held for the first time in 1959.

SusChem Discussion Roundtables

Thursday, September 26, 2019

Meet experts, potential partners and friends from industry academia and government.

16.30 Round tables to discuss and find solutions for current and future challenges:

- Materials for energy production and storage
- Renewable feedstock
- Catalysis
- Biotechnology and Biocatalysis
- Process control and Industry 4.0
- Big data and Artificial Intelligence
- Environmental sciences

SusChem Evening Session

Thursday, September 26, 2019

The evening will bring together decision makers in the field of Green & Sustainable Chemistry and is the official annual event of SusChem CH.

- 18.00 Welcome and Opening of the Gala
- 18.10 Prof. John Warner, Warner Babcock Institute for Green Chemistry (USA)
«Green Chemistry: The Molecular Mechanisms of Sustainability and Innovation»
- 18.30 Dr. Rafael Cayuela, Dow Chemicals
«The Chemical Industry under the 4th Industrial Revolution»
- 19.00 Panel Discussion: J. Warner, Univ. of Massachusetts; R. Cayuela, Dow Chemicals; N. Piccolrovazzi, Dow Olympics; M. Vollmer, Clariant; J. Gonzalez-Valero, Syngenta; J. Clarc, entrepreneur.
Moderator: B. Magarinos-Ruchat, Firmenich
- 19.45 Networking, post panel discussions
- 20.30 End of the evening session

SCS Seminar 'Green & Sustainable Chemistry'

Wednesday, September 25 – Friday, September 27, 2019

The SCS Seminar for PhD students, Postdocs and junior PM from industry provide an integrated training program:

- Lunch & Learn sessions as expert inputs
- Workshops with the lecturers
- Networking at the roundtables and the gala night
- Training in problem solving and presentation skills

More information and registration on scg.ch/ilmac/seminar

Lunch & Learn SusChem Forum

Wednesday, September 25, 2019

- 10.30 Prof. John Warner, Warner Babcock Institute for Green Chemistry (USA)
«Green Chemistry: The Molecular Mechanisms of Sustainability and Innovation»

- 11.00 Prof. Matthias Beller, University of Rostock (GER)
«Precious Catalysis with Non-Noble Metal Catalysts»
- 11.30 Prof. Rebecca Buller, ZHAW Wädenswil
«Harnessing Nature: Biocatalysis for Industrial Applications»
- 12.00 Prof. Jeremy Luterbacher, EPFL Lausanne
«Chemical Functionalization Facilitates the Production of Renewable Chemicals from Plants»
- 12.30 Dr. Benjamin Martin, Novartis
«Continuous Manufacturing as an Enabling Tool with Green Credentials in Early-Phase Pharmaceutical Chemistry»

Thursday, September 26, 2019

- 10.30 Prof. James Clark, University of York (US)
«Setting the Scene, the 12 Principles of G&SC»
- 11.00 Dr. Georg Wuitschick, Roche
«ChemPager: Greener Processes through Data Analysis»
- 11.30 Dr. Martin Vollmer, Clariant
«Sustainability fuels Innovation»
- 12.00 Dr. Nicoletta Piccolrovazzi, Dow Olympics
«Sustainability Application concepts»
- 12.30 Dr. Juliette Secot-Crevet / Dr. Gilles Oddon, Firmenich
«Firmenich EcoScent Compass™: First Holistic Fragrance Sustainability Measurement»

Friday, September 27, 2019

- 10.30 University of Applied Sciences Session.
3 × 30min lectures from HEIA-FR, FHNW and ZHAW
- 12.00 Dr. Michael Altorfer, Swiss Biotech Association
«Swiss Biotech Success Stories»
- 12.30 Dr. Max Lüthi Award Ceremony 2019 and Lectures
Ms. Sandra Witschard, ZHAW
«Voxelated Planar Spheroid Tissue Assembly»
Mr. Ivan Cornu, HEIA-FR
«Synthesis of New Pinene-Phenanthroline and Pinene-Terpyridine Type Ligands»

ILMAC Exhibitor Talk Challenge

Apply for a short presentation (15min) in the ILMAC forum on Wednesday or Thursday afternoon and present your contribution to a more sustainable world!

- Applications are welcome from ILMAC exhibitors
- Application deadline is June 16, 2019
- The best 3 talks will be awarded the G&SC ILMAC Award
- Apply on scg.ch/ilmac/shorttalk

Project Exhibition

Exhibition at the booth of the SCS with joint initiatives from Universities of Applied Sciences and industrial partners. Get in contact with the project leaders, learn about their experience, check out test plants/gadgets and discuss about potential collaborations.

- Haute Ecole Spécialisée de Suisse occidentale HES-SO, School of Engineering and Architecture of Fribourg
- Fachhochschule Nordwestschweiz, FHNW, Institute of Chemistry and Bioanalytic
- Zurich University of Applied Sciences, ZHAW, Institute of Chemistry and Biotechnology

SCS Network Village

Inform yourself about the Swiss Chemical Society and its activities as well as its ILMAC partners (hall 1.1):

- Swiss Chemical Society
- SusChem Switzerland
- Haute Ecole Spécialisée de Suisse occidentale, HES-SO
- Fachhochschule Nordwestschweiz, FHNW
- Zurich University of Applied Sciences, ZHAW

- Scienceindustries
- Schweiz. Koordinationsstelle für Biotechnologie, SKB
- Swiss Biotech Association, SBA
- Schweizerischer Verband Diplomierter Chemiker FH, SVC
- Swiss Process and Chemical Engineers, SGVC

SCS coffee/aperitif bar

Meet at the SCS coffee/aperitif bar to refresh yourself and to get in contact with members of the affiliated communities.

Access and Registration

Participation for all activities (except the SCS Seminar) is free of charge. To enter ILMAC register on the fair website and enter the promotion code SCS-SUSCHEM. Each day visit requires a separate registration.

Organizing Committee

- Dr. Edouard Godineau, Syngenta
- Dr. Fabrice Gallou, Novartis
- Dr. Maud Reiter, Firmenich
- Prof. Paul Dyson, EPFL Lausanne
- Prof. Christophe Copéret, ETH Zurich
- Dr. Hans Peter Lüthi, SCS Foundation
- David Spichiger, Swiss Chemical Society

Website: scg.ch/ilmac/2019

SCS-Syngenta Symposium 2019

«Welcome to the One Electron World»



October 17, 2019, 08.30–17.30h
Syngenta Crop Protection AG, Research Center Stein (AG)

This symposium is an opportunity to strengthen the link between chemical industries and academic laboratory. It takes place every other year and each issue focus on a special topic.

Program Thu, October 17, 2019

08.00h Registration

Session 1:

- 08.50 Welcoming and opening remarks
- 09.00 Plenary Lecture 1
Prof. Samir Zard, Ecole Polytechnique, Paris, France
- 09.50 Invited Lecture 1
Prof. Robert Francke, Universität Rostock, Germany
- 10.15 Invited Lecture 2
Prof. Chao-Zhong Li, Shanghai Institute of Organic Chemistry, China
- 10.40 Coffee Break

Session 2:

- 11.10 Invited Lecture 3
Prof. Nico Bruns, University of Strathclyde, Glasgow
- 11.35 Plenary Lecture 2
Prof. Derek Pratt, University of Ottawa, Canada
- 12.25 Lunch and Poster Session

Session 3:

- 14.25 Invited Lecture 4
Prof. Cristina Nevado, University of Zürich
- 14.50 Invited Lecture 5
Prof. David Procter, The University of Manchester
- 15.15 Invited Lecture 6
Dr. Andreas Herrmann, Firmenich SA, Geneva
- 15.40 Coffee Break

- 16.10 Plenary Lecture 3
Prof. Robert Knowles, Princeton University, USA
17.00 Closing remarks
17.30 Aperitif

Registration will open on June 1, 2019.
Website: scg.ch/syngenta-symposium/2019

Non-SCS CONFERENCES IN SWITZERLAND

01.05.–31.10.2019

Carbon Capture, Utilization and Storage – Gordon Research Conference 2019

05.–10.05.2019, Conference Center, Les Diablerets
«Tackling the Carbon Dioxide Challenge for a Sustainable Future.»

Are we – scientists and engineers – ready to deliver CCUS for large scale deployment? What are the challenges and hurdles towards implementation? What are the technical solutions and scientific breakthroughs emerged or about to emerge? We will discuss these questions and many more in an interdisciplinary framework at the 2019 Gordon Research Conference on CCUS (the third of a series), where participants junior and senior will be stimulated by the highly interactive atmosphere typical of the GRCs and inspired by the natural landscape surrounding the conference venue, for the first time in Europe. Among the specific areas addressed by the conference there will be the scientific breakthroughs in CCUS, the role of CCUS in enabling negative emissions, the systemic aspects of CCUS, and its role in selected industrial sectors.

www.grc.org/carbon-capture-utilization-and-storage-conference/2019/

Swiss Biotech Day 2019

07.05.2019, Congress Center Basel

The Swiss Biotech Day has long become the standard annual get-together of the Swiss biopharmaceutical industry. And Basel, as one of the most vivid cities in terms of biotechnological and pharmaceutical research, development and production, proved to be the ideal location.

The SBD is not just the place to be for members of the Swiss Biotech Association, who traditionally meet there for the association's Annual General Assembly. As always, the event targets entrepreneurs, investors, researchers, analysts, BD&L, political decision makers, industry stakeholders and media.

swissbiotechday.ch/

Roundtable: Material and Corrosion Issues in the Life Sciences Area (by MTI)

21.05.2019, Hotel Victoria, Basel

Materials Technology Institute (MTI) is organizing an industry roundtable to cover material and corrosion issues faced in the life sciences area. Discussions will include the following topics: Product Contamination, Electropolishing, Surface Effects, Cleaning, Rouging, Specifications, Regulations, Single-use Equipment, Wastewater, Batch Processing, Crop Science.

www.mti-global.org

International François Diederich Farewell Symposium, June 3, 2019

03.06.2019, ETH Zurich, Hönggerberg, HCI G3

Speakers: Jonathan Sessler (UT Austin), Luisa de Cola (ISIS, Univ. Strasbourg), Andreas Hirsch (Univ. Erlangen-Nürnberg), Thomas Carell (LMU Munich), Jeff Blaney (Genentech

San Francisco), Atsuhiko Osuka (Kyoto University), Ken Houk (UCLA), Matthias Witschel (BASF Ludwigshafen), David Leigh (Univ. of Manchester), Helmut Schwarz (TU Berlin), François Diederich (ETH Zurich)
www.chab.ethz.ch/en/

Tag der offenen Tür bei der EMS Chemie

15.06.2019, EMS-CHEMIE AG, Domat/Ems

Nach dem grossen Erfolg im Jahr 2007 öffnet EMS im Juni 2019 wieder die Türen für alle Interessierten. Blicken Sie hinter die Kulissen der täglichen Arbeit des grössten Bündner Arbeitgebers und Lehrlingsausbildners und lassen Sie sich von der fantastischen Welt der Kunststoffe begeistern.

www.ems-group.com/de/ems-erleben/tag-der-offenen-tuer-2019/

Swiss Food Science Meeting 2019

26.–27.06.2019, Aula des Jeunes Rives, University of Neuchâtel

The Swiss Food Science Meeting (SFSM) is a platform for the scientific exchange of food analysis as well as analysis of food contact materials and cosmetics. Scientists, such as chemists, toxicologists and food engineers who work in industry, food laboratories, universities, for governmental bodies or food control authorities are invited to join the SFSM and to present their latest findings. The organising committee invites for every meeting competent scientists with international reputation to give key note lectures. The plenary sessions are surrounded by a poster session.

The SFSM is organised by a committee with members from the Swiss Society for Food Chemistry SFC and the Association of Swiss Cantonal Chemists ASCC. The first SFSM was held in 2013 followed by meetings in 2015 and 2017. It is planned to realize the next SFSM in 2019. The place of the meeting is the University of Neuchâtel (Aula des jeunes Rives), a picturesque place by the lake of Neuchâtel, situated at the french-german language border.

Do not hesitate to participate at the next SFSM and learn what currently happens in the wide field of food science and take the opportunity to meet colleagues. The organising committee hopes to see you in Neuchâtel!

www.foodsciencemeeting.ch/joomla/index.php

Chemspec Europe 2019

26.–27.06.2019, Messe Basel, hall 1.0

Chemspec Europe 2019 is Europe's key exhibition for the fine and speciality chemicals industry. Chemspec Europe is the international exhibition for fine and speciality chemicals. For the highly complex and competitive fine and speciality chemicals market, Chemspec Europe 2019 provides a diversified yet highly specialised business platform.

www.chemspeceurope.com

19th International Conference on Biological Inorganic Chemistry (ICBIC-19)

11.–16.08.2019, Congress Centre, Kursaal Interlaken

The ICBICs were founded 1983 in Florence, Italy, with the first conference of this series. The conferences take place on a bi-annual basis in different countries all around the world and are doubtlessly the most important event in the area of Biological Inorganic Chemistry. Attracting scientists from all over the world, the ICBICs provide the major platform to present and discuss the latest developments in the field.

www.chem.uzh.ch/en/icbic19.html

ScienceComm '19

19.–20.09.2019, Volkshaus Biel

Auf der ScienceComm'19 werden partizipative Formate überwiegen, z.B. Workshops, World-Cafés, BarCamps, Dialog Sessions etc. Das Motto lautet; „I trust Science, but ...“. Im Zentrum stehen das Vertrauen in die Wissenschaften und deren Widersprüche.

Wir sind besonders an aktuellen und gesellschaftlich kontroversen Themen der Wissenschaftskommunikation interessiert, wie z.B. die kürzlich erfolgte Keimbahntherapie in China, Gentechnologie, synthetische Biologie, Tier- und Menschenversuche, Zukunft der Arbeitswelt, künstliche Intelligenz, Migration, Globalisierung, Zukunft der Energieversorgung, Mobilität etc.

www.sciencecomm.ch/

Chirality @ The Nanoscale Conference

13.–17.10.2019, Congressi Stefano Franscini (CSF), Ascona

Chirality is omnipresent in the universe and in particular significant in the biomolecular world. But it also encompasses new materials and novel physical effects. Beyond the classical issues of molecular chirality, the conference will address materials science topics and new phenomena involving chirality, such as molecular machines, nanoparticles, organic electronics, liquid crystals, electron spin filtering and selective interactions with light.

nanochiral.empa.ch

SCS LECTURESHIPS MAY 2019

Prof. Richard Saykally, Department of Chemistry, University of California Berkeley, USA

Tour dates: May 6-10, 2019

Tour organizer: Prof. Rainer Beck, EPFL Lausanne

Picture: cchem.berkeley.edu/rjsgrp

Lectures:

«Hydrogen Bond Network Rearrangement Dynamics in Water Clusters: Dramatic Effects of Librational Excitation on Hydrogen Bond Tunneling Rates»

- Mon, May 6, 2019, 16.30h
University of Basel, Big lecture hall PC
- Fri, May 10, 2019, 16.15h
ETH Zurich, Hönggerberg, HCI J3

«Probing Complex Interfaces (Review of the methods we employ, including "DUV SHG, XAS, soft X-ray SHG with FELs)»

- Thu, May 7, 2019, 16.30h
University of Geneva, Lecture Theatre 1S059
- Wed, May 8, 2019, 16.30h
University of Bern, Auditorium EG16

«Selective Adsorption of Ions to Aqueous Interfaces: Towards a Complete Mechanism»

- Thu, May 9, 2019, 17.15h
EPFL Lausanne, Lecture hall BCH 2201

The SCS Lectureships are financially supported by:



sc | nat ⁺

Swiss Academy of Sciences
Akademie der Naturwissenschaften
Accademia di scienze naturali
Académie des sciences naturelles



Prof. Thomas Ternes, Federal Institute of Hydrology, Koblenz, Germany

Tour dates: April 23 May 2, 2019

Tour dates: May 13-17, 2019

Tour organizer: Dr. Marc J. Suter, Eawag Dübendorf

Picture: researchgate.net

Lectures:

«Analytical methods for emerging contaminants: advanced tools to understand environmental and technical processes.»

- Mon, May 13, 2019, 16.00h
Eawag Dübendorf, Lecture hall FC-C20
- Thu, May 14, 2019, 16.00h
FHNW, Muttentz, Lecture hall 02.O.18
- Wed, May 15, 2019, 16.30h
University of Bern, Auditorium EG16
- Thu, May 16, 2019, 16.15h
University of Geneva, Lecture hall 1S081
- Fri, May 17, 2019, 10.30h
EPFL Lausanne, Lecture hall CE 1 106



Prof. Takashi Ooi, Nagoya University, Japan

Tour dates: May 20–24, 2019

Tour organizer: Prof. Jérôme Lacour, University of Geneva

Picture: itbm.nagoya-u.ac.jp

Lectures:

«Molecular Design of Organic Ions for Asymmetric Catalysis»

«Behavior of Molecules: From Catalysis to Biological Functions»

- Mon, May 20, 2019, 16.30h
University of Geneva, Lecture Theatre A-150
- Thu, May 21, 2019, 17.15h
University of Fribourg, Big Auditorium
- Wed, May 22, 2019, 17.15h
EPFL Lausanne, Lecture hall BCH 2201
- Thu, May 23, 2019, 17.30h
University of Basel, Small lecture hall OC
- Fri, May 24, 2019, 17.00h
University of Zürich, Irchel Campus HS95



Prof. Gary Siuzdak, The Scripps Research Institute, La Jolla, CA, USA

Tour dates: May 27-31, 2019

Tour organizer: Prof. Nicola Zamboni, ETH Zurich

Picture: twitter.com

Lectures:

«Discovering Metabolites that Alter Physiology, an Omics Perspective»

- Mon, May 27, 2019, 11.00h
ETH Zurich, Hönggerberg, Auditorium HPM H33
- Thu, May 28, 2019, 10.50h
FHNW, Muttentz, Auditorium 02.O.03
- Wed, May 29, 2019, 11.00h
University of Lausanne, UNIL Sorge, Génopode A
- Wed, May 29, 2019, 16.00h
University of Geneva, Auditoire Albert Renold CMU

LECTURES MAY 2019

Novartis in Basel



Prof. Edward A. Anderson, University of Oxford, UK
15.05.2019, 10.30h, WKL-610.P.Auditorium

University of Basel



Inorganic and Organic Chemistry

Department of Chemistry, St. Johannis-Ring 19, 4056 Basel
<http://www.chemie.unibas.ch>

Prof. Robin Perutz, University of York, York, United Kingdom
02.05.2019, 17.30h, Kleiner Hörsaal OC

«Hydrogen bonding and halogen bonding to transition metal complexes»

SCS Lectureship

Prof. Richard Saykally, Department of Chemistry, University of California Berkeley, USA

06.05.2019, 16.30h, Big lecture hall PC

«Hydrogen Bond Network Rearrangement Dynamics in Water Clusters: Dramatic Effects of Librational Excitation on Hydrogen Bond Tunneling Rates»

SCS Lectureship

Prof. Peng Chen, Peking University, Beijing, China

10.05.2019, 10.45h, Kleiner Hörsaal OC

«Bioorthogonal cleavage reactions in space and time: from living cells to living animals»

AC-Vortrag

Prof. Christoph Kreutz, Universität Innsbruck, Innsbruck, Österreich

17.05.2019, 10.45h, Kleiner Hörsaal OC

«Expanding the toolbox for integrated structural biology of nucleic acids»

OC-Vortrag

Prof. Takashi Ooi, Nagoya University, Nagoya, Japan

23.05.2019, 17.30h, Kleiner Hörsaal OC

SCS Lectureship

Pharmaceutical Sciences

Pharmazentrum, Klingelbergstrasse 50, 4056 Basel

<https://pharma.unibas.ch/de/teaching/sds/>

Dr. med. Pia Caduff-Janosa, Uppsala Monitoring Centre WHO Collaborating Centre for International Drug Monitoring, Uppsala, Sweden

08.05.2019, 17.00h, Lecture Hall 1

«Global Pharmacovigilance and the Power of Narratives in the Era of Big Data»

Seminars on Drug Sciences

Prof. Regine Süß, Albert-Ludwigs-Universität Freiburg, Freiburg, Germany

15.05.2019, 17.00h, Lecture Hall 1

«Do we really need nanoparticulate drug carrier systems?»

Seminars on Drug Sciences

Dr. Daan Geerke, VU Amsterdam, The Netherlands

22.05.2019, 17.00h, Lecture Hall 1

«Molecular simulations of flexible enzymes: binding affinity prediction and insights into biocatalyst and antidote design»

Seminars on Drug Sciences

University of Bern

DCB, Freiestrasse 3, 3012 Bern

<http://www.dcb.unibe.ch>



Prof. Javier Martinez, Max F. Perutz

Laboratories, Vienna Biocenter, Austria

06.05.2019, 16.30h, Hörsaal EG 16

«Identification of a unique 2', 3'-cyclic phosphatase in human cells, and why/how did we get there»

Prof. Richard Saykally, UC Berkeley, Berkeley, USA

08.05.2019, 16.30h, Hörsaal EG 16

«Probing Complex Interfaces»

SCS Lectureship and Berner Chemische Gesellschaft

Dr. Michaela Frye, University of Cambridge, UK

13.05.2019, 16.30h, Hörsaal EG 16

«RNA methylation in controlling gene expression during stem cell differentiation»

NCCR RNA & Disease Seminar

Prof. Thomas Ternes, Bundesanstalt für Gewässerkunde, Koblenz, Germany

15.05.2019, 16.30h, Hörsaal EG 16

«Analytical method for emerging contaminants: Advanced tools to understand environmental and technical processes»

SCS Lectureship and Berner Chemische Gesellschaft

Dr. Jenny Clark, University of Sheffield, UK

17.05.2019, 11.00h, Hörsaal S379

«Singlet Fission in organic materials»

PhD Programm

Dr. Eva Nowack, Heinrich-Heine-Universität, Düsseldorf, Germany

20.05.2019, 16.30h, Hörsaal S481

«Microbial symbioses and the evolution of novel organelles»

Biochemische Vereinigung Bern

Prof. Steven Cobbs, Durham University, UK

22.05.2019, 16.30h, Hörsaal EG 16

«The Development of Peptide- and Peptoid-Based Treatments for Neglected Tropical Diseases»

Berner Chemische Gesellschaft

University of Fribourg

Department of Chemistry

Chemin du Musée 9, 1700 Fribourg

<http://www.chem.unifr.ch>



UNIVERSITÉ DE FRIBOURG
UNIVERSITÄT FREIBURG

Prof. Randy Schekman, University of California, Berkeley, USA

13.05.2019, 17.15h, main auditorium 0.013,

Chaim Weizmann Lecture

Prof. Takashi Ooi, Nagoya University, Japan

21.05.2019, 17.15h, main auditorium 0.013

«Molecular Design of Organic Ions for Asymmetric Catalysis»

University of Geneva

Science II, 30 quai Ernest Ansermet,
1211 Genève 4

<http://www.unige.ch/sciences/chiorg/>



**UNIVERSITÉ
DE GENÈVE**

Prof. Steve Goldup, University of Southampton, United Kingdom
02.05.2019, 16.30h, Auditoire A-100
«The Synthesis and Applications of Mechanically Chiral Molecules»

Prof. Richard Saykally, Department of Chemistry, University of California Berkeley, USA
07.05.2019, 16.30h, Lecture Theatre 1S059
«Probing Complex Interfaces (Review of the methods we employ, including "DUV SHG, XAS, soft X-ray SHG with FELs)»
SCS Lectureships

Prof. Takahiko Akiyama, Gakushuin University, Mejiro, Tokyo, Japan
10.05.2019, 16.30h
«Recent Progress in the Chiral Phosphoric Acid Catalysis»

Dr. Cristina Trujillo, Trinity College Dublin, Ireland
16.05.2019, 16.30h, Auditoire A-100
«Nucleophilic Asymmetric Catalysis from the Theoretical Perspective»

Prof. Takashi Ooi, Nagoya University, Japan
20.05.2019, 16.30h, Lecture Theatre A-150
«Molecular Design of Organic Ions for Asymmetric Catalysis»
«Behavior of Molecules: From Catalysis to Biological Functions»
SCS Lectureship

EPFL Lausanne

1015 Lausanne

<https://sb.epfl.ch/chemistry>

<https://isic.epfl.ch/PCseminar>



Prof. Richard Saykally, University of California, USA
09.05.2019, 18.15h, BCH 2201
«Selective Adsorption of Ions to Aqueous Interfaces: Towards a Complete Mechanism»
SCS Lectureship

Prof. Kyoung-Shin Choi, University of Wisconsin-Madison, USA
10.05.2019, 17.30h, BCH 2201
«Electrochemical and Photoelectrochemical Water Splitting, Biomass Conversion, and Desalination»
Chemical Engineering Seminar

Prof. Maria Flytzani-Stephanopoulos, Tufts University, USA
24.05.2019, 16.15h, BCH 2201
«Single Metal Atoms as Game-Changers in Heterogeneous Catalysis»
Chemical Engineering Seminar

Prof. Greg Stephanopoulos, Massachusetts Institute of Technology, USA
27.05.2019, 16.15h, BCH 2201
«Engineering the isoprenoid pathway in bacteria and yeasts»
Chemical Engineering Seminar

ETH Zurich

ETH Hönggerberg, Vladimir-Prelog-Weg
<https://www.chab.ethz.ch>

ETH zürich

Prof. Andrea Burden, ETH Zürich
21.05.2019, 17.15h, Hauptgebäude, Audimax HG F 30
«Using data to solve problems: The new role of pharmacoepidemiology in patient care»
Inaugural lecture

Laboratorium für Organische Chemie

Prof. David MacMillan, Princeton University, USA
13.05.2019, 16.00h, HCI J3
«New Photoredox Reactions»
LOC Monday Colloquium

Prof. Franziska Schönebeck, RWTH Aachen, Germany
20.05.2019, 16.00h, HCI J3
«Insight-Driven Strategies in Catalysis for Selective Transformations and Late-Stage Functionalizations»
LOC Monday Colloquium

Laboratorium für Physikalische Chemie

14.05.2019, 16.45h, HCI J3
Thomas Gartmann: Title to be announced
Irina Ritsch: EPR methods for the study of intrinsically disordered domains in proteins
Jan-Grimo Sobez: Graph interpretation, manipulation and conformer generation software for inorganic molecules
Minisymposium Doktorierende LPC

Prof. Edit Mátyus, Eötvös Loránd University, Hungary
28.05.2019, 16.45h, HCI J3
«Recent Developments and Future Challenges for Molecular Quantum Theory»

Prof. David Mobley, University of California, USA
29.05.2019, 16.45h, HCI J3
«Making molecular simulations a valuable tool for drug discovery»

University of Zurich

Irchel Campus, Winterthurerstrasse 190,
8057 Zurich

<http://chem.uzh.ch>



**University of
Zurich**

Prof. Armido Studer, University of Muenster, Germany
07.05.2019, 17.00h, Lecture Hall Y15-G-40
«Electron Catalysis»

Prof. Allan S. Myerson, Massachusetts Institute of Technology, USA
14.05.2019, 17.00h, Lecture Hall Y15-G-40
«Continuous Crystallization of Pharmaceuticals»

Prof. em. Jean-Michel Savéant, University Paris Diderot, France
21.05.2019, 17.00h, Lecture Hall Y15-G-40
«Toward Intelligent Design of Molecular Catalysts of Electrochemical Reactions»

Prof. em. Weston T. Borden, University of North Texas, USA
28.05.2019, 17.00h, Lecture Hall Y15-G-40
«Why Are N₂ and O₂ Unreactive?»