



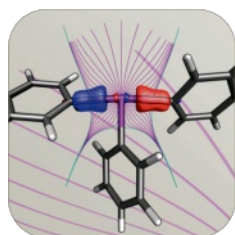
Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

01.09.2016–28.02.2017

SCS Fall Meeting 2016



15.09.2016, 09.00–18.30h
Department of Chemistry, Irchel Campus, University of Zurich
The Fall Meeting represents a major event for chemical research in Switzerland. It is the platform for the Paracelsus, the Sandmeyer and the KGF Industrial Science Award Lectures, and offers

an opportunity specifically for young scientists to present their research. The event also hosts a Commercial Exhibition.

All in all more than 550 scientific contributions will be presented as poster presentation or as lecture/talk in one of the eight parallel sessions. The organizers expect about 1'000 participants to visit the 2016 edition of the SCS Fall Meeting.

Program, Abstracts and Registration

<http://scg.ch/fallmeeting/2016>

The Future of Chemical Education



15.09.2016, 08.30–18.30h
Department of Chemistry, Irchel Campus, University of Zurich

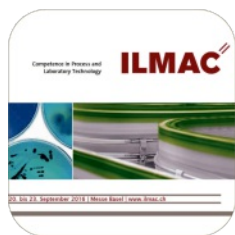
As part of the SCS Fall Meeting this symposium is the first initiative on the way to a new Division of Chemical Education within the SCS. The event will provide ideas and best practice in

theoretical, practical and experimental chemical education and targets qualified teachers from secondary school on upwards.

Program, Abstracts and Registration

<http://scg.ch/ChemEdu/2016>

ILMAC 2016



20.–23.09.2016
MCM Messe Schweiz, Basel
ILMAC is the biggest fair in Switzerland covering laboratory and process technologies. 450 exhibitors and more than 12'000 visitors are expected. With its user focus, ILMAC is aimed at specialists from the pharmaceutical, chemical, food, drinks, cosmetics and biotechnology industries.

<http://www.ilmac.ch>

SCS Prio-Code to get tickets for free: [ilmac16-scs](http://www.ilmac.ch)

ILMAC Lunch&Learn Sessions organized by the SCS and its Partners (www.scg.ch/ilmac/lunch-learn)

Wed, September 21, 2016

«Automatization and huge data handling in Analytical Sciences»

Organized by the SCS Division of Analytical Sciences (DAS)

- 11.00 *Standardization: The Way to the Next Generation Lab*
Dr. Daniel Juchli, Chief Technical Officer (CTO) SiLA Consortium, Basel
- 11.25 *The ghost in the machine – The intelligent spectrometer*
Dr. Till Kühn, Bruker BioSpin AG
- 11.50 *Innovative sample management and integration into fully automated walk-up analytics*
Dr. Ingo Muckenschnabel, Novartis Pharma AG
- 12.15 *Towards a fully automated workflow in NMR&MS analytics from sample preparation to report. Have we broken down all barriers?*
Dr. Josef Schneider, F. Hoffmann-La Roche AG
- 12.40 *Revolution in the lab? From handwritten labels to lab 4.0*
Dr. Günter Böhm, CTC Analytics
- 13.05 Q&A and Round table discussion
- 13.30 Lunch and networking event
- 14.00 End of session

Thu, September 22, 2016

«Automatization in the laboratory environment»

Organized by BaselArea/i-net innovation networks and the Swiss Biotech Association (SBA)

- 11.00 *From pipetting slave to IT-wizard*
Prof. Sven Panke, Department of Biosystems Science and Engineering, ETH Zurich
- 11.25 *Lab automation, the weak little stepsister of the industrial automation*
Dr. Erwin Althof, Scientific Technical Leader, Novartis Pharma AG
- 11.50 *Scalable production of organotypic 3D microtissues for safety and efficacy testing*
Dr. David Fluri, Senior Scientist, InSphero AG
- 12.15 *Gamification of Research & Development*
Dr. Rolf Gueller, Founder and CEO, Chemspeed Technologies AG
- 12.40 *The Next-Generation Health Data Integration Platform*
Dean Corkovic, BCPlatforms
- 13.05 Q&A and Round table discussion
- 13.30 Lunch and Networking event
- 14.00 End of session

Fri, September 23, 2016

«Industry 4.0 in chemical Engineering»

Organized by the SCS Division of Industrial & Applied Sciences (DIAC), Swiss Process and Chemical Engineers (SGVC) and Schweizerischer Verband Diplomierter Chemiker (SVC)

- 11.00 *What's behind Industry 4.0?*
Dr. Peter Bürgin, ControlTech Engineering AG

- 11.25 *From Lab Data to “Big Data” – closing the gap between R&D and Production*
Dr. Tobias Merz, Lonza AG
- 11.50 *Manufacturing IT & Industry 4.0: success factors for projects – practical examples*
Dr. Stephan Gentner, DSM Nutritional Products Ltd.
- 12.15 *Process industry 4.0 in manufacturing engineering research.*
Dipl.-Phys. Mario Bott, Fraunhofer-Institut für Produktionstechnik und Automatisierung IPA, Stuttgart
- 12.40 *Industry 4.0 – Future of Process Technology in the Chemical / Pharmaceutical Industry*
Dr. Andreas Schreiner, Novartis PharmOps Switzerland
- 13.05 Q&A and Round table discussion
- 13.30 Lunch and Networking event
- 14.00 End of session

University of Applied Sciences at ILMAC 2016

SCS will again collaborate with the Universities of Applied Sciences (UAS), ZHAW Wädenswil, FHNW Muttentz and HES-SO Fribourg/Sion and will be on-site with a large booth. We will present successful joint projects from UAS with industrial partners and use the platform to show exciting, chemical science to a broad audience. More details are available on www.scg.ch/ilmac

Get your free ILMAC ticket(s)

Additional information about the SCS activities at ILMAC and the priority code for free tickets are available on the website www.scg.ch/ilmac

12th Swiss Course on Medicinal Chemistry (Leysin Course)



09.–14.10.2016

Mercure Classic Hotel, Leysin
This five-day Medicinal Chemistry School, that is organized by the Division of Medicinal Chemistry and Chemical Biology of the SCS addresses most up-to-date topics of current pharmaceutical research in different areas, such as:

- New Chemical Space utilized for Medicinal Chemistry Applications
- Medicinal Chemistry Approaches towards prominent Target Families
- Technologies and Tactics applied in Lead Finding and Optimization
- Case Stories of successful small-molecule drug discovery

Accepted speakers and topics

New Chemical Space

Prof. Norbert Sewald, University of Bielefeld, D: Peptidomimetics

Prof. Beat Ernst, University of Basel: Glycomimetics

Prof. K.-H. Altmann, ETH Zurich: Chemistry of Natural Products

Prof. Paul Hergenrother, University of Illinois, US: Natural Product Ring Distortion

Prof. Daniel Obrecht, Polyphor AG, Allschwil: Macrocycles

Target Family-directed Approaches

Prof. Chas Bountra, SGC, Oxford, UK: Epigenetic Target Space

Dr. Chun Wa Chung, GlaxoSmithKline, Stevenage, UK: Epigenetic Case Studies

Dr. Gerhard Müller, Mercachem, Nijmegen, NL: 20 years of Kinase Inhibitors

Dr. Cornelia Zumbunn, Actelion, Basel: Anti-infective Target Space

Prof. Jonathan Mason, Heptares, Welwyn Garden City, UK: G Protein-Coupled Receptors

Dr. Les Dakin, Pfizer, US: Protein-Protein Interactions

Dr. Andrew Bell, Exscientia Ltd., UK: Phosphodiesterases

Technologies and Tactics in Hit-to-Lead and Lead Optimization

Prof. Hugo Kubinyi, Weisenheim am Sand, D: Metabolism

Dr. Anneli Nordqist, AstraZeneca, Molndal, S: Phenotypic Screening

Prof. Gerhard Klebe, University of Marburg, D: Thermodynamics and Kinetics

Dr. Christoph Funk, Roche, Basel: ADME and PK

Dr. Fides Benfatti, Syngenta, Basel: Optimization in Crop Sciences

Dr. Katerina Leftheris, Celgene, San Diego, US: Efficiency in Medicinal Chemistry

Case Stories of Successful Drug Discovery

Dr. Peter Grootenhuys, Vertex Pharm., San Diego, US: Orkambi in Cystic Fibrosis

Dr. Nick Meanwell, Bristol-Myers Squibb, US: Daclatasvir

Dr. Hasane Ratni, Roche, Basel: Treatment of Motor Neuron Disease

Dr. Thomas Weller, Actelion, Basel: Macitentan

Dr. Nicolas Soldermann, Novartis, Basel: PI3Kd Inhibitor

Dr. Andrew Mortlock, AstraZeneca, Cambridge, UK: Onco-Kinase Inhibitors

Dr. Jacques Dumas, Tetrphase Pharma., Boston, US: Tetracyclic Antibiotics

Check the website for more information and to register

<http://scg.ch/scmc/2016>

Clariant Chemistry Day 2016



12.10.2016

University of Basel, Kollegienhaus, Petersplatz 1, Basel

The half-day event, densely packed with interesting presentations reporting the latest achievements, is the frame of the awarding ceremony for the “Clariant CleanTech Award Switzerland”, the “Clariant Chemistry Award at the Uni-

versity of Basel”, and the “Clariant CleanTech Lecture”. The cross-fertilization between industrial and academic research will further strengthen the knowledge base of CleanTech in Switzerland and pave the way to an improved and environmental friendly future.

Invited Speakers: Dr. Martin Vollmer, CTO Clariant, Prof. Ronny Neumann, Catalysis, Green Chemistry and Renewable Energy Lab, Weizmann Institute of Science

Contact: Prof. Dr. Marcel Mayor, University of Basel, marcel.mayor@unibas.ch

<http://scg.ch/clariant-chemistry-day/2016>

Swiss Industrial Chemistry Symposium, SICS 2016



28.10.2016, 08.30–18.00h
University of Basel, Department of Chemistry, Big lecture hall OC.
The SICS is a new, one-day symposium with lectures, short talks and a panel discussion of industrial chemists working in R&D in Switzerland. The symposium offers a unique platform for industrial scientists, working in research and process research, to present their latest results, to interact with each other and to network with professors, PhD students and other scientific staff of Swiss universities. An extended poster session with presentations from industry (20%) and academy (80%) will stimulate the interaction.

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Program Morning Session

- 08.30 Welcome coffee, registration
08.55 Opening, welcome
09.00 **Dr. Andreas Marzinzik**, Novartis Pharma AG
Towards the goal of curing CML: discovery of ABL001 a novel allosteric inhibitor of BCR-ABL preventing disease relapse by dual targeting
09.30 **Dr. Kurt Püntener**, F. Hoffmann-La Roche AG
With asymmetric hydrogenation towards scalable, stereo-selective syntheses of Aleglitazar and Bitopertin
10.00 **Dr. Ulla Léinois**, DSM Nutritional Products AG
Bio-based aromatic building blocks for vitamin E manufacture
10.30 Coffee Break
11.00 **Dr. Chris Nichols**, Janssen R&D, Cilag AG
Harnessing the power of catalysis: process development of Erdafitinib
11.30 4× Short Talks à 8 min
Dr. Kai-Uwe Schöning, BASF Schweiz AG
Hindered amine polymer stabilizers – new discoveries in an established research area
Dr. Alec Birkbeck, Firmenich SA
From Leopold Ruzicka in 1935 until now: the story of (Z)-b-Santalol at Firmenich, towards an industrial synthesis
Dr. Corinna Nimphius, Clariant International Ltd
Glucamides – a new platform of sugar-based surfactants
Dr. Wolfgang Haap, F. Hoffmann-La Roche AG
Discovery of the cathepsin S inhibitor RG7625 for the treatment of autoimmune diseases

Lunch and Poster Sessions

- 12.10 Lunch buffet
12.45 Poster sessions A and coffee
13.15 Poster sessions B and coffee

Program Afternoon Session

- 14.00 4× Short Talks à 8 min
Dr. Myriem El Qacemi, Syngenta Crop Protection AG
Enantioselective synthesis of insecticidal isothiazolines
Dr. Thierry Schlama, Novartis Pharma AG
Toward the total synthesis of Tekturina: process research investigations to the “Lactam-Lactone” a key building-block
Dr. Johannes Schranck, Solvias AG
Catalysis @ Solvias – from science to business
Dr. Christian Lothschütz, Siegfried AG, Zofingen
What can academia learn from industry?
14.45 **Dr. Stefan Abele**, Actelion Pharmaceuticals Ltd.
Pilot plant production of a P2Y12-antagonist containing (R)-3-Phosphonoalanine

- 15.15 **Dr. Christoph Taeschler**, Lonza AG
Process development aspects of alkylnitrites
15.45 Coffee Break
16.15 **Dr. Rolf Schaller**, Dottikon Exclusive Synthesis AG
Advanced process development into future
16.45 Panel discussion with the lecturers
17.20 Award ceremony for the best poster presentation
17.30 Aperitif and Networking

Registration

Free admission. Please register on <http://scg.ch/sics/2016>

Call for Abstracts for Poster Presentations

The call for abstract is open until August 15, 2016. The notification of acceptance will be sent out on Sep 16, 2016. Submit your poster abstract directly on www.chemistrycongresses.ch or via the symposium website.

Organizing Committee and Contacts

Dr. Remo Gamboni, F. Hoffmann-La Roche AG, Chair
Prof. Olivier Baudoin, University of Basel
Dr. Jérôme Cassayre, Syngenta Crop Protection AG
Dr. Alain De Mesmaeker, Syngenta Crop Protection AG
Dr. Fabrice Gallou, Novartis Pharma AG
Dr. Thomas Heinz, Novartis Pharma AG
Dr. Guido Koch, Novartis Pharma AG
Dr. Andrew W. Thomas, F. Hoffmann-La Roche AG
David Spichiger, Swiss Chemical Society

<http://scg.ch/sics/2016>

CHanalysis 2016



18.–19.11.2016
Dorint Hotel, Beatenberg
The goal is to stimulate a stronger cooperation among persons working in the different areas of analytical sciences. In addition to lectures and discussions, an informal evening session is scheduled for networking and building new contacts across scientific boarders.

Program Friday, November 18, 2016

- 12.00 Lunch
14.00 Conference opening
14.05 **Karin Mölling**, University of Zürich
The amazing world of the viruses
14.50 **Bernhard Blümich**, RWTH Aachen University
Compact NMR
15.20 **Stefan Reimann**, Empa Dübendorf
Measurements of new halogenated greenhouse gases at the high-alpine site Jungfraujoch using a GC-quadrupole- and a GC-TOF-MS
16.00 Coffee
16.30 Contributed lectures (6× 15min)
18.00 Poster Session
20.00 Dinner
21.30 Get-together party

Program Saturday, November 19, 2016

- 09.00 **Hubert Girault**, EPFL, Sion
Electroanalytical chemistry: From bio-imaging to ionisation methods for mass spectrometry
09.30 **Rolf Kipfer**, Eawag, Dübendorf
Real-time noble gas analysis in the field, black smokers, and the paleocene-eocene-thermal maximum

- 10.00 **Edith Schallmeiner**, Novartis, Basel
Near patient testing
- 10.30 Coffee break
- 11.00 Contributed lectures (6× 15min)
- 12.30 General Assembly of the Division Analytical Sciences (DAS) of the Swiss Chemical Society
- 13.00 Lunch
- 14.00 End of the meeting

Organizing Committee

Prof. Ernö Pretsch
Prof. Ralph Schlapbach
Dr. Marc J-F Suter

<https://scg.ch/chanalysis>

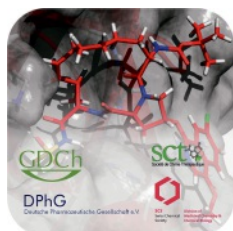
15th Swiss Snow Symposium 2017 (SSS'17)



27.–29.01.2017
Panorama Hotel Alphubel, Saas-Fee
Science meets Snow Sports!
The symposium, organized by the Swiss Young Chemists' Association (SYCA) takes place in Saas Fee again and combines science, networking and snow sport in a familiar atmosphere.
Kontakt: Cornél Fink, President SYCA, EPFL Lausanne
cornel.fink@epfl.ch

<http://scg.ch/snowsymposium/>

Frontiers in Medicinal Chemistry 2017 (FIMC'17)



12.–15.02.2017
University of Bern, Department of Chemistry and Biochemistry
The international symposium will focus on state-of-the-art technologies and novel approaches in the field of medicinal chemistry. The scientific program will include plenary lectures, short lectures, and poster presentations. Furthermore,

oral communications of postdoctoral junior scientists will be considered. It is the goal of the organizers to make this meeting an event of scientific excellence, attractive to both industrial and academic scientists in Medicinal Chemistry and related fields of research.

Kontakt: Dr. Yves Auberson, Novartis Pharma AG, yves.auberson@novartis.com, Prof. Jean-Louis Reymond, jean-louis.reymond@dcb.unibe.ch

Non-SCS CONFERENCES IN SWITZERLAND

01.09.2016.–28.02.2017

Biotech 2016: Biopharmaceutical Manufacturing and Single-Use Technologies

05.–06.09.2016
ZHAW, ICBT Institute of Chemistry and Biotechnology, Wädenswil

Update your state of knowledge about latest developments in biopharmaceutical manufacturing and single-use technology. Join us to expand your network with manufacturers, suppliers, users, regulatory specialists and representatives of organizations in the field. Listen to the speeches, visit our poster presentations and become familiar with recent technology advances at the exhibition booths and during the parallel workshops run by leading companies. Main topics are production facilities of the future, challenges in mAb and vaccine production, biosimilars and microbial products, implementation of single-use technology in the development and manufacturing of cell therapeutics.

<http://www.biotech2016.ch>

BioTech 2016: Mini-symposium From Nature to Bioreactor: Plant Biotechnology for Pharma, Food and Cosmetic Applications

07.–08.09.2016
ZHAW, ICBT Institute of Chemistry and Biotechnology, Wädenswil

You learn about latest applications of in vitro plant culture technologies in pharma, food and cosmetics. High-ranking lecturers speak about methodologies in in vitro plant cultivation, strategies for controlling plant secondary metabolite content in medicinal and aromatic plants; hardware, infrastructure and bioprocess control methods as well as GMP and non-GMP applications for plant biotechnology.

Nagoya Protocol on Access and Benefit Sharing: Rights and Duties in Scientific Research

09.09.2016
Naturhistorisches Museum der Bürgergemeinde Bern, Bern
The goal of this event is to inform the researchers about the ABS system, the Nagoya Protocol and its implementation in Switzerland, the consequences of the Nagoya Protocol for scientific research, the rights and duties relating to Nagoya Protocol and, finally, the supporting tools and the required procedures. All non-commercial academic researchers working with genetic resources are invited to participate in this conference.

<http://www.naturalsciences.ch/organisations/biodiversity/abs/62637-nagoya-protocol-on-access-and-benefit-sharing-rights-and-duties-in-scientific-research>

Peptide Therapeutics Forum 2016

20.–21.09.2016
Congress Center Basel, Basel
In the framework of the Basel Life Science Week / MipTec Exhibition 2016, the two days "Peptide Therapeutics Forum 2016" focus on "early peptide discovery" and "development candidates for therapeutic peptides". The first part highlights contributions of ligation chemistry to arrive at larger synthetic peptides/protein, recent insights in peptidic vaccine design, and news from venom drug discovery. Progress in peptide synthesis and case studies including generic half-life extension are foreseen for the second day.

<http://www.basellife.org>

International Symposium on Streamlining Drug Discovery

22.09.2016
Novartis Campus, Basel
The day is aimed at scientists from biotechnology, pharmaceutical organizations, not-for-profits and academia who wish to get a broad appreciation of the latest advances in drug discovery delivered by key scientists and thought leaders from leading organizations.
Kontakt Dr. Franca Klingler
<http://www.optibrium.com/news/symposium-overview.php>

Swiss Biotech Day Fall 2016: The Impact of National and International Legislation on SME

29.09.2016

blueFACTORY, Halle Bleue, Fribourg

Join us at this year's Swiss Biotech Day Fall in Fribourg covering some of the most influential national and international developments on Swiss Life Science's industry. From tax legislation to IP, IVD to Swissmedic, Nagoya to Antibiotics Resistance, Biobanking to Personalized Health - join the discussion and exchange with peers

<http://www.swissbiotech.org/events#event:1889>

We Scientists Shape Science

26.–27.01.2017

Eventforum Bern

Science has become a lot bigger and faster. Join us now to make it better!

We want science to be creative, solid, open, helpful for society and a good career opportunity for the talented youth. Let's start to change what it means to be a scientist and the way and the framework in which science is conducted. It is us scientists who need to change science. Researchers and key players in the Swiss science landscape will decide upon first steps at the meeting. It is time for doing science right.

<http://www.naturwissenschaften.ch>

SCS LECTURESHIPS

<http://scg.ch/scs-lectureships>



Prof. Richard N. Zare, Stanford University (USA)

Tour date: 12.–16. September 2016

Host: Stefan Willitsch, Basel

Professor Zare is renowned for his research in the area of laser chemistry, resulting in a greater understanding of chemical reactions at the molecular

level. By experimental and theoretical studies he has made seminal contributions to our knowledge of molecular collision processes and contributed very significantly to solving a variety of problems in chemical analysis. His development of laser induced fluorescence as a method for studying reaction dynamics has been widely adopted in other laboratories.

«Microdroplet Chemistry»

- Mon, 12.09.2016, 16.30
University of Basel, Big lecture room 3.10
- Tue, 13.09.2016, 17.15
University of Geneva, Lecture theatre A. Pictet, A100
- Wed, 14.09.2016, 16.30
University of Bern, Auditorium EG16
- Thu, 15.09.2016, 16.30
EPFL Lausanne, Room CH G1 495
- Fri, 16.09.2016, 16.45
ETH Zürich, Hönggerberg, HCI J 3



Prof. Keisuke Suzuki, Tokyo Institute of Technology (JP)

Tour date: 03.–11. October 2016

Host: Clément Mazet, Geneva

„There is a fine line between a drug and a poison, and it is often the case that natural organic compounds are both bioactive and toxic. If we change the molecular

structure, however, we can increase bioactivity and decrease toxicity. Take ivermectin, for example, a compound discovered by Nobel Prize winning Japanese biochemist Satoshi Omura. Its discovery made it possible to prevent blindness caused by onchocerciasis, a parasitic disease affecting millions in Africa. Ivermectin was developed by hydrogenating avermectin, a product of microorganisms in soil samples collected in Shizuoka Prefecture. This massive potential is what makes organic synthesis so attractive.“

Prof. K. Suzuki, Tokyo Tech Researchers, Issue 19



Prof. Eric V. Anslyn, University of Texas, Austin (US)

Tour date: 10.–14. Oktober 2016

Host: Thomas Bally, Fribourg

Stereoselective synthesis is a major research area in organic chemistry, and numerous asymmetric reactions based upon either metal catalysis or organo-

catalysis have been developed for the preparation of chiral building blocks. Because of the development of technologies for parallel synthesis and screening for catalyst optimization purposes, there is a need for rapid analysis of the absolute configuration and enantiomeric excess (ee) of the products of the asymmetric reactions. Optical methods are fast and cost-effective and importantly, can be easily implemented into HTS. Toward this end, we have developed protocols for using in situ generated multicomponent assemblies monitored by exciton-coupled circular dichroism (ECCD) for the determination of identity, chirality and enantiomeric excess of alcohols, amines, aldehydes/ketones and carboxylic acids.

<http://www.scg.ch/scs-lectureships/>

LECTURES

01.07.2016–31.08.2016

Lectures at Novartis

<http://www.novartis.com>



Prof. Jinbo Hu, Shanghai Institute of Organic Chemistry, Shanghai, China

21.09.2016, 10.30h, Novartis Pharma AG, Horburg Auditorium

«Title to be announced»

Lectures at Syngenta

<http://www.syngenta.com>



Prof. Virginie Vidal, ParisTech, France

22.09.2016, 10.00h, Auditorium WST 810.E.75

«Title to be announced»

Lectures University of Basel
Anorganische und Organische Chemie
<http://www.chemie.unibas.ch>



Prof. Dr. Takashi Ooi, Nagoya University, Nagoya, Japan
 05.09.2016, 17.30h, Kleiner Hörsaal OC, Organische Chemie
 «Molecular Design of Organic Ion Pairs for Asymmetric Catalysis»

Basler Chemische Gesellschaft

Prof. Neil Branda, Simon Fraser University, Burnaby, Canada
 08.09.2016, 17.30h, Kleiner Hörsaal OC, Organische Chemie,
 «Title to be announced»

Basler Chemische Gesellschaft

Prof. Jeffrey N. Johnston, Vanderbilt University, Nashville, TN, USA

09.09.2016, 10.45h, Grosser Hörsaal PC 3.10, Physikalische Chemie

«Title to be announced»

Prof. Wolfgang Kroutil, University of Graz, Graz, Austria
 23.09.2016, 10.45h, Kleiner Hörsaal OC, Organische Chemie,
 «Biocatalysis for Organic Synthesis»

Physikalische Chemie

<http://www.chemie.unibas.ch>

Prof. Richard N. Zare, Stanford University, Stanford, CA, USA
 12.09.2016, 16.30h, Grosser Hörsaal PC 3.10, Physikalische Chemie, Universität Basel

«Microdroplet Chemistry»

Lectures at University of Bern
Anorganische, Analytische und Physikalische Chemie
<http://www.dcb.unibe.ch>



Prof. Olivier Baudoin, University of Basel

22.09.2016, 11.15h, Hörsaal S481

«Title to be announced»

PhD Programm

Biochemie

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

Prof. Uwe Schlattner, University of Grenoble, France
 22.09.2016, 16.30h, Hörsaal S481

«Mitochondrial NM23-H4/OPA1 complexes in membrane dynamics and cardiolipin-supported mitophagy signaling»

Biochemische Vereinigung Bern

Prof. Maurice Swanson, University of Florida, Gainesville, USA

26.09.2016, 16.30h, Hörsaal EG

«RNA-mediated Disease Mechanisms»

NCCR RNA & Disease Seminar

**UNIVERSITÄT
BERN**

Science has become a lot bigger and faster. **Join us now to make it better!**

we scientists
 Science Congress
 26/27 January 2017, Berne **Shape science**

#wescientists

Visit our booth at the SCS Fall Meeting. Share your thoughts in a video statement.

We want science to be creative, solid, open, helpful for society and a good career opportunity for the talented youth. Contribute to one of the workshops:

- 1 time for research
- 2 space for creativity
- 3 scientific career
- 4 scientific practice
- 5 open science
- 6 science in society

sc | nat

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

Schweizerische Eidgenossenschaft
 Confédération suisse
 Confederazione Svizzera
 Confederaziun svizra

Schweizerischer Wissenschafts- und Innovationsrat
 Conseil suisse de la science et de l'innovation
 Consiglio svizzero della scienza e dell'innovazione
 Swiss Science and Innovation Council

Inform yourself, register (30 November 2016):

www.naturalsciences.ch/wescientists

@scnatCH swissacademies

Lectures at University of Fribourg

<http://www.chem.unifr.ch/de/events/seminars>



UNIVERSITÉ DE FRIBOURG
UNIVERSITÄT FREIBURG

Prof. Jeffrey Johnston, Vanderbilt University, Nashville, USA
07.09.2016, 17.15h, Chemistry department, main auditorium 0.013

«Title to be announced»

Prof. Antoni Llobet, ICIQ, Tarragona, Spain

30.09.2016, 14.00h, Main auditorium of Chemistry department

«Title to be announced»

**Lectures University of Geneva
Chimie organique**

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



UNIVERSITÉ DE GENÈVE

Prof. Michael Pittelkow, Department of Chemistry, University of Copenhagen

01.09.2016, 16.30h, Auditoire A-100

«The Discovery of Biotin[6]juril - a Chiral Receptor for Anions and an Anion-Transporter»

Prof. Jeffrey N. Johnston, Vanderbilt University, Nashville, USA

05.09.2016, 16.30h, Auditoire A-100

«Title to be announced»

Prof. Richard N. Zare, Stanford University (USA)

13.09.2016, 17.15h, Auditoire A100

«Microdroplet Chemistry»

SCS Lectureship

Prof. Andrey Klymchenko, Research Director CNRS, University of Strasbourg, Illkirch, France

29.09.2016, 14.15h, Auditoire A-300

«Designing Smart Fluorescent Molecules and Nanoparticles for Bioimaging»

**Lectures at EPF Lausanne
Physical Chemistry**

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



ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

Prof. Richard N. Zare, Stanford University, USA

15.09.2016, 16.30h, Lecture Hall CH G1 495

«Title to be announced»

SCS Lectureship

Prof. Vicki Wysocki, Ohio State University, USA

22.09.2016, 16.30h, Lecture Hall CH G1 495

«Title to be announced»

Prof. Stefan Willitsch, University of Basel

29.09.2016, 16.30h, Lecture Hall CH G1 495

«Title to be announced»

Lectures ETH Zürich

<https://www.chab.ethz.ch/news-und-veranstaltungen/events.html>



Prof. Dr. Cameron Jones, Monash University, Australia

06.09.2016, 17.15h, ETH Hönggerberg, HCI J7

«New Ligands for the Stabilization of Synthetically Applicable Low-Valent Main Group Complexes»

EDUCATION COURSES

Organized by the Division of Analytical Sciences (DAS)

<http://scg.ch/courses>

Trenntechnik**High Performance Thin Layer Chromatography (HPTLC) [TR-2]**

24.10.–25.10.2016, 9–17h; CAMAG AG, Muttenz

Dr. Melanie Broszat, Dr. Eike Reich, Eliezer Ceniviva, CAMAG Labor, Muttenz

GC für Fortgeschrittene: Einspritztechniken in Theorie und Praxis [TR-4b]

08.11.–09.11.2016, 9–17h; Schlieren

Maurus Biedermann, Kantonales Laboratorium Zürich

GC für Fortgeschrittene: Methodenentwicklung [TR-4c]

25.10.2016, 9–17h; Schlieren

Maurus Biedermann, Kantonales Laboratorium Zürich

GC für Fortgeschrittene: Headspace Injektionstechniken [TR-4d]

22.09.2016, 9–17h; Schlieren

Dr. Robert Stoop, Brechbühler AG

GC für Fortgeschrittene: Grossvolumige Einspritztechniken – NEU [TR-4e]

10.11.2016, 9–18h; Brechbühler AG, Schlieren

Maurus Biedermann, Kantonales Laboratorium Zürich

GC-Troubleshooting [TR-5]

23.11.–24.11.2016, 9–17h; Eawag, Dübendorf

Heinrich Müller, Covanis GmbH, Buswil

HPLC-MS in der Spurenanalytik [TR-6]

08.11.–09.11.2016, 9–17h; Eawag, Dübendorf

Prof. Dr. Michael Oehme, Institut für Angewandte Analytische Chemie, Appenzell

Tipps und Tricks für Fortgeschrittene GC-MS-Anwender/-innen [TR-7]

22.11.–23.11.2016, 9–17h; Eawag, Dübendorf

Prof. Dr. Michael Oehme, Institut für Angewandte Analytische Chemie, Appenzell

Einführung in die HPLC [TR-9b]

29.11.–30.11.2016, 9–17h; Olten

Dr. Roland Looser, Life Science Training, Lausen

Säulen, Phasen- und Trennoptimierung in der HPLC – Ergänzungskurs [TR-10]

26.09.–27.09.2016, 9–17h; Eawag, Dübendorf

François Vogel, FHNW, Muttenz

HPLC-Troubleshooting – Ergänzungskurs [TR-11]

25.10.–26.10.2016, 8–17h; Eawag, Dübendorf

Heinrich Müller, Covanis GmbH, Buswil

Nanoflow-HPLC-MS: Praktische Grundlagen beim Arbeiten mit kleinen Flussraten [TR-13]

12.10.2016, 9–17h; Eawag, Dübendorf

Dr. Martin Biniossek, Institut für Molekulare Medizin und Zellforschung, Universität Freiburg, Deutschland

Enantioselektive chromatographische Trennmethode[n] [TR-14]

18.10.2016, 9–17h; Eawag, Dübendorf

Dr. Markus Juza, Corden Pharma Switzerland LLC, Liestal

Detektoren in der HPLC [TR-16]

17.11.2016, 9–12h; Eawag, Dübendorf

Dr. Christian Mink, Syngenta Crop Production AG, Mönchwil

Charakterisierung von Polymeren und Biopolymeren mit Grösseauausschlusschromatographie GPC/SEC/GFC [TR-17]

08.09.2016, 9–17h; Eawag, Dübendorf

Dr. Wolfgang Radke, PSS Polymer Standards Service, Mainz, Deutschland

Einführung in die Biochromatographie – Trennung von Peptiden und Proteinen – NEU [TR-19]

08.11.2016, 9–17h; Eawag, Dübendorf
Dr. Jürgen Maier Rosenkranz, JMR-Analytik, Rottenburg-Seebronn, Deutschland

Spektroskopie

Atomabsorptions- und Atomemissions-Spektrometrie (AAS und AES) für Einsteiger/-innen [SP-1]

06.09.2016, 9–17h; Eawag, Dübendorf
Dr. Peter Lienemann, ZHAW, Wädenswil

Atomabsorptions- und Atomemissions-Spektrometrie – Theorie für die Praxis [SP-2]

13.09.2016, 9–17h; Eawag, Dübendorf
Dr. Peter Lienemann, ZHAW, Wädenswil

Röntgenfluoreszenz in der praktischen Anwendung [SP-3]

16.11.2016, 9–17h; Eawag, Dübendorf
Dr. Fredy Rüttimann, Terrachem GmbH, Mannheim, Deutschland

Messung und Interpretation von IR-Spektren [SP-9]

08.09.–09.09.2016, 9–17h; Portmann Instruments AG, Biel-Benken BL
Dr. Hans-Ulrich Gremlich, Winterthur und Peter Stark, Portmann Instruments AG

Interpretationstraining für IR-Spektren [SP-10a]

11.11.2016, 9–17h; Portmann Instruments AG, Biel-Benken BL
Hans-Jörg Grether, Portmann Instruments AG

Kombinierte Interpretation von ein- und zweidimensionalen NMR-, IR- und Massenspektren [SP-11]

16.11.2016, 9–17h; Eawag, Dübendorf
Prof. Ernő Pretsch, ETH Zürich

NMR-Spektroskopie: Umfassende Interpretation ein- und mehrdimensionaler ¹H- und ¹³C-Spektren [SP-12d]

25.10.–26.10.2016, 9–17h; Novartis Training Center Horburg, Basel
Raimund Brauner, Novartis Pharma AG, Basel

Grundlagen der Interpretation von NMR Spektren (SP-12dp)

24.10.2016, 8–17h; Novartis Training Center Horburg, Basel
Raimund Brauner, Novartis Pharma AG, Basel

La Spectrométrie de Masse: Les Fondamentaux et les Applications [SP-13f]

07.10.2016, 9–17h; Geneva University, Geneva
Prof. Gérard Hopfgartner, Université de Genève

Analytische Anwendungen

Oberflächen-gestützte Analytik und Sensorik mit der Schwingquarz-Mikrowaage [AA-7]

16.09.2016, 9–17h; Eawag, Dübendorf
Prof. Diethelm Johannsmann, Clausthal-Zellerfeld, Deutschland

Schichtdickenmessung und Analytik von Schichten: Wirbelstrom, Magnet-Induktion, Coulometrie, Röntgenfluoreszenz (ED-XRF) und Beta-Rückstreu Verfahren – NEU [AA-10]

19.10.2016, 9–17h; Eawag, Dübendorf
Dr. Daniel Sutter, Helmut Fischer Technologie AG, Hünenberg

Methoden der Life Sciences

Einführung in die Oberflächenplasmonenresonanz, Surface Plasmon Resonance (SPR) [LS-1]

15.11.2016, 9–17h; Eawag, Dübendorf
Prof. Holger Schönherr, Universität Siegen, Deutschland

(Real-time) PCR-Analytik mit Anwendungsbeispielen aus der Lebensmittelanalytik [LS-2]

18.11.2016, 9–17h; Eawag, Dübendorf
Dr. Peter Brodmann, Kantonslabor Basel-Stadt, Basel;
Albert Eugster, Amt für Verbraucherschutz des Kantons Aargau, Aarau

Isolierung und Reinigung von Proteinen [LS-3]

23.11.–24.11.2016, 9–17h; Olten
Dr. Roland Looser

Hochauflösende Massenspektrometrie zur qualitativen Analyse – NEU [LS-4]

30.09.2016, 9–17h; Eawag, Dübendorf
Prof. G. Hopfgartner, Universität Genf

Grundlagen der pharmazeutischen Technologie:

Feste Arzneiformen [LS-5]

08.09.–09.09.2016, 9–17h; ZHAW – ICBC Campus Reidbach, Wädenswil
Prof. Dr. Vera Luginbühl, ZHAW, Wädenswil

Qualitätssicherung und Informationsbeschaffung

Wissenschaftliche Informationen suchen, finden und verwalten – ganz einfach [QS-2]

06.10.2016, 9–17h; Informationszentrum Chemie, Biologie/Pharmazie, ETH Zürich, Zürich
Dr. Oliver Renn, Informationszentrum Chemie / Biologie / Pharmazie, ETH Zürich

Statistische Auswertung von Messwerten zur Qualitätssicherung [QS-3]

14.11.–16.06.2016, 9–17h; Olten
Dr. Roland Looser

Messunsicherheit in der Analytik [QS-5]

15.09.–16.09.2016, 9–17h; Eawag, Dübendorf
PD Dr. Veronika Meyer, St. Gallen

Qualitätsmanagement im Labor – Die ISO 17025 effizient umsetzen – NEU [QS-6]

27.10.2016, 9–17h; Eawag, Dübendorf
Stefan Guggisberg, EOQ Quality System Manager, Ostermundigen

Qualifizieren von Analysengeräten [QS-7]

25.11.2016, 9–17h; Eawag, Dübendorf
Dr. Ernst Halder, Lonza AG, Visp

Validieren von Analysenverfahren I – Grundlagen [QS-8]

11.10.2016, 9–17h; Eawag, Dübendorf
Prof. Dr. Jürgen Stohner, ZHAW, Wädenswil

Gute Labor Praxis – Regulatorische Bestimmungen und Umsetzung im Labor [QS-11]

15.09.2016, 9–17h; Eawag, Dübendorf
Sandra van Thiel, Dr. Nadine Mendl, synlab pharma Institute AG, Birsfelden

Quality by Design in the Analytical Laboratory [QS-12]

26.10.2016, 9–17h; Olten
Dr. Fritz Erni, QbD consultant, Dornach, Switzerland

Referenzmaterialien zur Methodenvalidierung und Gerätequalifizierung [QS-14]

29.11.2016, 9–17h; Eawag, Dübendorf
Dr. Ernst Halder, Lonza AG, Visp

Validieren von IT-Systemen [QS-15]

24.11.2016, 9–17h; Eawag, Dübendorf
Dr. Ernst Halder, Lonza AG, Visp

Effiziente Führung kleiner Gruppen [QS-16]

20.09.–21.09.2016, 9–18h; Eawag, Dübendorf
Dominik Studer

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