



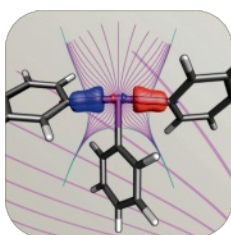
Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

01.07.–30.12.2016

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 overview

- 09.00 Welcome Coffee
Registration and poster installation
- 09.45 Welcome and conference opening
- 09.55 **Prof. E Peter Kündig**, SCS Honorary Member 2016
- 10.30 Sandmeyer Award Lecture 2016
Dr. Martin Weibel, Sika Technology AG
- 11.00 Break
- 11.15 Morning Parallel Sessions
- Analytical Sciences (AS)
 - Catalysis Science & Engineering (CE)
 - Computational Chemistry (CC)
 - Inorganic & Coordination Chemistry (IC)
 - Medicinal Chemistry & Chemical Biology (MC)
 - Organic Chemistry (OC)
 - Physical Chemistry (PC)
 - Polymers, Colloids & Interfaces (PI)
- 12.45 Lunch and Poster Session
Commercial Exhibition
- 15.00 Afternoon Parallel Sessions
Same session as in the morning
Exhibitor Apéro
- 16.45 Break and coffee/refreshments
- 17.00 Paracelsus Award Lecture 2016
Prof. Michael Grätzel, EPF Lausanne
- 18.00 Best Oral and Best Poster Presentation Awards (sponsored by Metrohm and DSM)
- 18.30 End of the conference

Interactiv program and abstracts will be available as of July 25, 2016, on <http://chemistrycongresses.ch>

Further details about the event on <http://scg.ch/fallmeeting/2016>

The Future of Chemical Education



15.09.2016, 09.00–18.30h
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 Overview

- 08.30 Registration, welcome coffee
- 09.00 Welcome message
Prof. Antonio Togni, ETH Zurich
Dr. Alain De Mesmaeker, SCS President
- 09.15 **Prof. Michael Tausch**, Bergische Universität Wuppertal (GER)
All we need is Light – Mehr Licht im Chemieunterricht
- 10.00 **Prof. Hans Jakob Würner**, Laboratory of Physical Chemistry, ETH Zurich
Attosecond Spectroscopy: Watching Electrons in Motion
- 10.45 Short break
- 11.00 **Prof. Wendelin Jan Stark**, Institute for Chemical and Bioengineering, ETH Zurich
*Membranes, Nanoparticles and Biomaterials – Research at the Edge of Science and Industry**
- 11.45 **Prof. Catherine E. Housecroft**, Department of Chemistry, University of Basel
Development of Chemistry Textbooks – an interactive Process
- 12.30 Lunch break and Poster Session of the SCS Fall Meeting
- 13.30 Workshop sessions A-D (detailed program see below)
- 17.00 Paracelsus Award lecture (part of the SCS Fall Meeting program), **Prof. Michael Grätzel**, EPF Lausanne
- 18.30 Dinner (optional)

Workshops

- Workshop-Session A, Target group: SekI, SekII, BS
- A1 **Paolo Lubini**, Liceo Cant. Lugano 2, **Michele D'Anna**, Liceo Cant. Locarno
Chemisches Potential und Entropie im gymnasialen Unterricht: Warum nicht?
- A2 **Dr. Jurai Lipscher**, Rapperswil
Der Klimawandel – Was wissen wir wirklich?
- A3 **Prof. Roger Alberto**, Uni ZH, **Prof. Greta Patzke**, Uni ZH, Dr. Urs Leutenegger, KS Zug
*Artificial Photosynthesis**
- A4 **Giorgio Zambrino**, KS Enge, **Lukas Sigrist**, ETH Zürich
Chemische Reaktionen in Super-Slow-Motion

Workshop-Session B, Target group: FH, PH, HS

- B1 **Prof. Carlo Thilgen**, ETH Zurich, **Prof. Bernhard Jaun**, ETH Zürich

*Der Einsatz von Moodle in den Vorlesungen OC1 & OC2 (Übungen, Training, Prüfungen?)**

B2 **Niels Sievertsen**, ETH Zurich

Die ganze organische Chemie in der Hosentasche – Advanced Problems in Organic Chemistry (apoc) at Students' Fingertips

B3 **Dr. Markus T. Müller**, KS Frauenfeld, **Prof. Antonio Togni**, ETH Zurich, **Prof. Carlo Thilgen**, ETH Zurich
Schnittstelle Mittelschule–Hochschule am Beispiel AC1 und OC1 – Standortbestimmung AC1/OC1 HS2015

Workshop-Session C, Chemielabor und Praktikum

C1 **Prof. Michael W. Tausch**, Bergische Universität Wuppertal (GER)

*All we need is light – Neue Versuche fürs Chemiepraktikum**

C2 **Dr. Robert Grass**, ETH Zurich, **Dr. Michael Löpfe**, ETH Zurich, **Manuel Burkhalter**, KS Küsnacht
Nanotechnologie und funktionelle Polymere im Unterricht

C3 **Franziska Krieg** et. al., ETH Zurich, **Prof. Maksym V. Kovalenko**, ETH Zurich
Einfache Synthese von stark fluoreszierenden Caesium-Blei-Halid-Perovskit-Nanokristallen – Ein farbenfrohes Chemiepraktikum für die Mittelschule

C4 **Dr. Hansrudolf Dütsch**, Zürich
Leuchtstab (Knicklicht) und Synthese eines chemilumineszierenden Oxalsäureesters TCPO

C5 **Pitt Hild**, PH Zürich
Tagescreme oder Nachtcreme? Emulsionen im Unterricht

Workshop-Session D, Computerraum (Visualisierung, Animation, Simulation)

D1 **Dr. Moritz Haag**, **Alain Vaucher** and **Prof. Markus Reiher**, ETH Zurich

Interactive Exploration of Chemical Reactivity in Education (3D-Modellierung chemischer Reaktionen)

D2 **Dr. Marie-Claude Blatter**, Swiss Inst. of Bioinformatics, Geneva

Computer-Aided Drug Design explained in a few simple steps (Drug Design Workshop)

D3 **Dr. Hansueli Ehrensperger**, Frauenfeld
Visualisierung im Chemieunterricht – das Atomarium und andere Leckerbissen

D4 **Dr. Urs Leisinger**, KS Zug
Visualisierung von Molekülen im Chemieunterricht mit JSmol – www.molek.ch

D5 **Marcel Ottiger**, Hedingen
Neuaufgabe der „Kurt Pfefferkorn“-Animationen für den Chemie-Unterricht

* working titles, to be confirmed

Registration

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

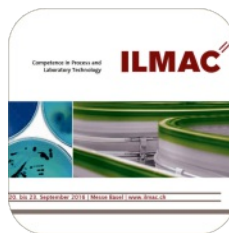
Contacts

- Prof. Antonio Togni, ETHZ
- Prof. Roger Alberto, UniZH
- Dr. Amadeus Bärtsch, ETHZ
- Dr. Klemens Koch, VSN
- Dr. Markus T. Müller, ETHZ and Kantonsschule Frauenfeld
- Dr. Hans Peter Lüthi, SCS and ETHZ

The initiative is supported by

- Swiss Chemical Society, SCS
- Swiss Academies of Sciences, SCNAT
- Verein Schweizerischer Naturwissenschaftslehrerinnen und -lehrer (VSN)

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>

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 *Industry 4.0 in the pharmaceutical Industry*
Dipl.-Ing. (FH) Claudia Pacht, VANTALION Consulting Switzerland AG
- 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

SCS-FH Award at ILMAC 2016

SCS will again collaborate with the Universities of Applied Sciences (UAS), ZHAW Wädenswil, FHNW Muttenz and HES-SO Fribourg/Sion and will be on-site with a large booth. We will award and present successful joint projects from UAS with industrial partners and use the platform to show exciting, chemical science to a broad audience. The call for application of projects is open until June 16, 2016. 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 Zumbrunn, 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 Cystis 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>

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.

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, stereoselective syntheses of Aleglitazar and Bitopertin
- 10.00 **Dr. Ulla Létinois**, 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 Tekturna: 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



18.11.2016–19.11.2016
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 borders.

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 Jungfrauoch 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>

NON-SCS CONFERENCES IN SWITZERLAND

01.07.–31.12.2016

5th International Conference on Hypervalent Iodine Chemistry (ICHIC 2016)

03.07.2016–06.07.2016

Congress Center and Eurotel-Victoria, Les Diablerets

The ICHIC conference series have as goal to report on the last results on hypervalent iodine chemistry and have been held previously in Thessaloniki (2001, 2006), Bordeaux (2010) and Chiba (2014).

<http://isic3.epfl.ch/ICHIC2016/>

12th European Solid Fuel Cell and Solid Electrolysis Forum

05.07.2016–08.07.2016

Kultur- und Kongresszentrum, Lucerne

This event will highlight solid oxide fuel cells and electrolyzers, as well as reactors and separators based on solid oxide membranes. The programme will cover fundamental science and new materials, through cell, stack, and system development, to the latest results from commercial deployment.

<http://www.efcf.com>

International Symposium on Solubility Phenomena and Related Equilibrium Processes (ISSP) 2016

24.07.2016–29.07.2016

University of Geneva / Uni Mail, Geneva

The ISSP is an established bi-annual symposium gathering international experts on solubility studies to exchange new research and concepts. ISSP is addressing the general importance of solubility phenomena in a variety of settings ranging from green chemistry to nuclear waste disposal and modern technical applications.

Fest der Moleküle 2.0

26.08.2016–27.08.2016

Kollegienhaus der Universität Basel, Basel

Am «Fest der Moleküle» bietet sich allen Interessierten beste Gelegenheit, mehr über die Bedeutung von Molekülen im Alltag zu erfahren. Zahlreiche Stände, Experimente, Spiele, Vorträge und die allseits bekannte Basler Sprengvorlesung bieten grossen und kleinen Besuchern attraktive Möglichkeiten, in die Welt der Moleküle einzutauchen und mit Expertinnen und Experten ins Gespräch zu kommen.

<http://www.fest-der-molekuele.ch>

30th European Crystallography Meeting (ECM-30)

28.08.2016–01.09.2016

Congress Center Basel, Basel

ECM-30 will be a four-day vibrant and intensive scientific meeting with many learning opportunities in every current aspect of crystallography. In addition, there will be a Young Crystallographers meeting, workshops and user meetings, lunch meetings, and a social programme, which will allow scientists from all over Europe and the world to meet, connect and exchange.

<http://ecm30.ecanews.org/>

Biotech 2016: Biopharmaceutical Manufacturing and Single-Use Technologies

05.09.2016–06.09.2016

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

07.09.2016–08.09.2016

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.

Clariant Chemistry Day

12.10.2016–12.10.2016

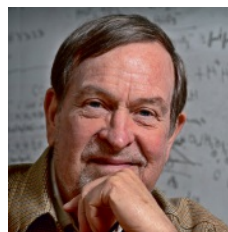
University of Basel, Chemistry Department, Basel

The goal of the one-day symposium is to strengthen the knowledge base of CleanTech in Switzerland. The event is supported by Clariant, that sponsors basic research and improves the knowledge and technology transfer between companies and academia.

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

SCS LECTURESHIPS

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



Prof. Thomas J. Meyer, University of North Carolina, Chapel Hill, USA

Host: Oliver Wenger, Basel

Tour date: 26.–30. September 2016

«Water oxidation and CO₂ reduction»

- Mon, September 26, 2016, 17.00h, University of Zürich, Department of Chemistry, Lecture hall HS 19

- Tue, September 27, 2016, 16.30h, University of Berne, DCB, Lecture hall EG 16

- Wed, September 28, 2016, 10.30h, University of Neuchâtel, Institut de Chimie, Lecture room GE14

«Finding the Way to Solar Fuels»

- Wed, September 28, 2016, 17.15h, University of Fribourg, Department of Chemistry, Lecture hall 0.013

- Thu, September 29, 2016, 17.00h, University of Basel, Department of Chemistry, Kleiner Hörsaal OC

«Proton-coupled electron transfer»

- Fri, September 30, 2016, 16.30h, University of Geneva, Department of Chemistry, Lecture hall A100

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

LECTURES

01.07.2016–31.08.2016

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



Prof. Dr. Simon Parsons, University of Edinburgh, United Kingdom
01.07.2016, 10.45h, Kleiner Hörsaal Organische Chemie
«High pressure as a probe for polymorphism and structure-property relationships in molecular crystals»

Lectures University of Geneva
Chimie organique
<http://www.unige.ch/sciences/chior/>



Prof. Yunfei Du, Tianjin University, Tianjin, China
07.07.2016, 16.30h, Auditoire A-100
«Novel Construction of Heterocyclic Compounds via I(III)-Mediated Oxidative Reactions»

Lectures ETH Zürich
Chemie- und Bioingenieurwissenschaften (ICB)
<http://www.sust-chem.ethz.ch>



Juliane Glüge, ETH Zürich
01.07.2016, 10.30h
Hönggerberg, HCI D8
«Sources, Fate, and Mass Balance of Polychlorinated Biphenyls (PCBs) and Short-Chain Chlorinated Paraffins (SCCPs)»
Safety and Environmental Technology of Chemical Processes and Products

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
Urs Hofstetter, 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, Cordem Pharma Switzerland LLC, Liestal

Detektoren in der HPLC [TR-16]

17.11.2016, 9–12h; Eawag, Dübendorf
Dr. Christian Mink, Syngenta Crop Production AG, Münchenwilen

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

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Spektroskopie

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. Ernö 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 Reidenbach, 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 Methodvalidierung und Gerätequalifizierung [QS-14]

01.07.2016, 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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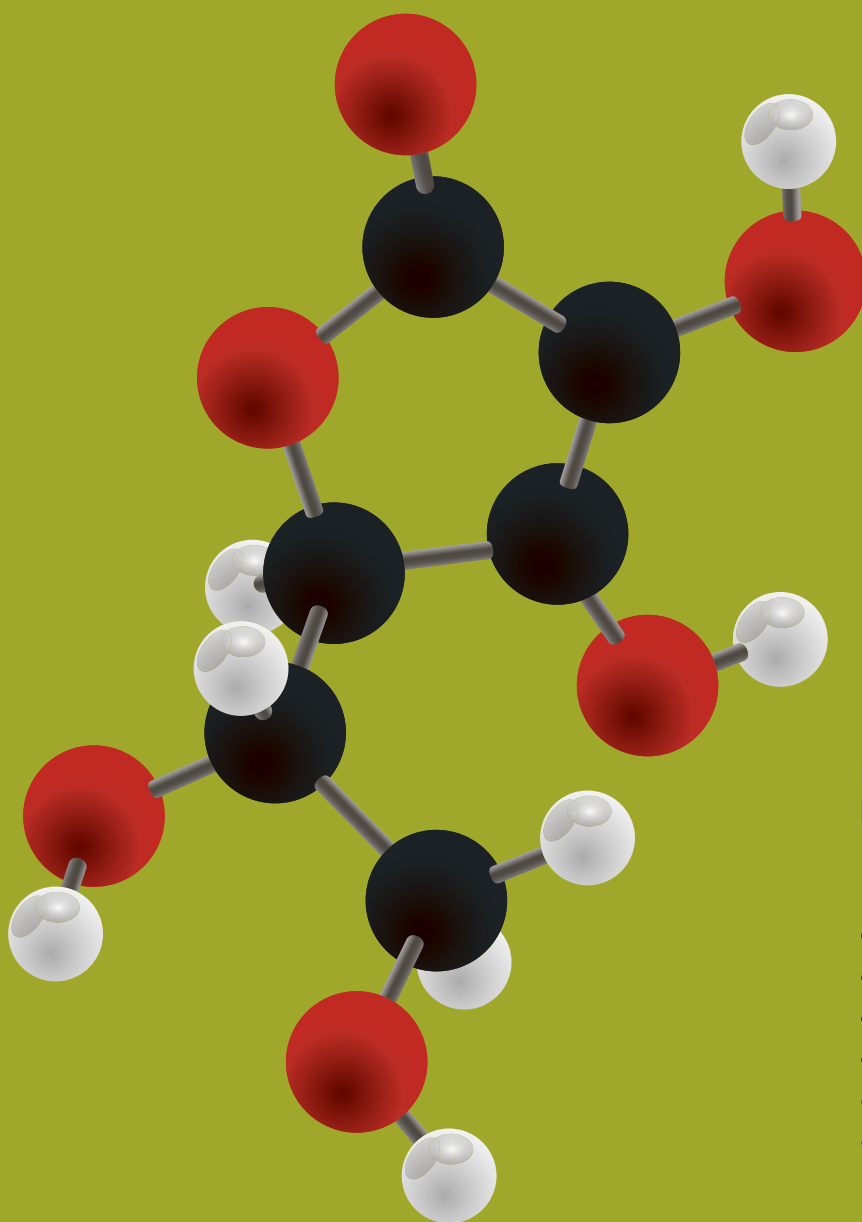


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