



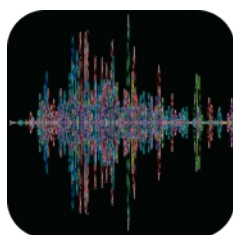
Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA

01.11.2016–30.04.2017

CHanalysis 2016



18.–19.11.2016

Dorint Hotel, Beatenberg

The goal is to stimulate a stronger co-operation 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× 15 min)
- 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× 15 min)
- 12.30 General Assembly of the Division Analytical Sciences (DAS) of the Swiss Chemical Society
- 13.00 Lunch
- 14.00 End of the meeting

Registration for students including PhD students is only CHF 100.–, including accommodation and food.

Organizing Committee

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

<https://scg.ch/chanalysis>

SCS Seminars 2017/1



16.–18.01.2017

Au Parc Hotel, Fribourg

The SCS Seminars are three-days education seminars that focus on topics that are relevant for the Swiss chemical and pharmaceutical industry but are not enough considered during the academic education at Universities.

The event targets PhD students, Post-docs as well as junior sci-entists from industry and will be led by senior scientists and designated experts.

Active participation is key for all attendees. A good mix between

- theoretical lectures,
- reports of concrete projects from industry,
- interactive workshops/panel discussions and
- short presentations by participants

will guarantee a maximum of impact. Each participant brings along a specific challenge out of his daily lab work and will present a poster of his/her current work.

SCS Seminar 2017/1: Process Chemistry

The first seminar in 2017 will focus on relevant issues of process chemistry such as production costs, efficiency and yield, energy consumption and power efficiency, time to market, safety issues, waste handling and regulations standards and patents.

Teaching Body (Expert Talks, Tutorials and Coaches)

- Dr. Tomas Smejkal, Syngenta Crop Protection AG
- Dr. Michael Bersier, Lonza AG
- Dr. Elena Schaller, Siegfried Evionnaz SA
- Dr. Fabrice Gallou, Novartis Pharma AG
- Dr. Heiko Oertling, Nestlé SA
- Prof. Roger Marti, HEIA-FR

Registration

Deadline for registrations is December 16, 2016
Registration online only on <http://scg.ch/scs-seminars/2017-1>
A maximum of 65 participants will be considered.
Costs are between CHF 200 and CHF 600 depending on the status as student and if the participant is SCS member or not.

Contact

Prof. Christian Bochet, University of Fribourg
christian.bochet@unifr.ch

Program and more details on
<http://scg.ch/scs-seminars/2017-1>

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: Cornel Fink, President SYCA,
EPFL Lausanne
cornel.fink@epfl.ch

<http://scg.ch/snows Symposium/2017>

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.

A satellite meeting co-organized by LS2 will take place on Sunday 12 February. Early career researchers, Postdocs and PhD students are invited to apply at meetings.ls2.ch from 15th of November onwards for an oral presentation at this event.

Kontakt: Dr. Yves Auberson, Novartis Pharma AG,
yves.auberson@novartis.com, Prof. Jean-Louis Reymond,
jean-louis.reymond@dcb.unibe.ch
Website: www.gdch.de/medchem2017

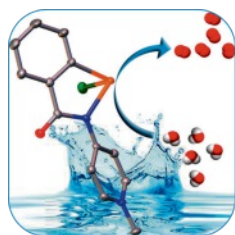
Deadlines

Submission of posters: December 5, 2016

Submission to LS2 pre-meeting: December 5, 2016

SCS Spring Meeting 2017

«Homogeneous Catalysis: New paradigms, wonderful applications»



21.04.2017, 09.00–17.30

University of Bern, Department of
Chemistry and Biochemistry

The SCS Spring Meeting is a one day symposium and provides a high quality program with national and international speakers. It is also the platform for the Werner Price Ceremony and the Werner Award Lecture. As a general rule the Society holds its general assembly during the lunch break.

Confirmed Speakers:

- Prof. John Hartwig, Berkeley, USA
- Prof. Morris Bullock, Pacific Northwestern, USA
- Prof. David Milstein, Weizmann, Israel

- Dr. Rocco Paciello, BASF, Germany
- Prof. Pedro Perez, Huelva, Spain
- Prof. Hansjörg Grützmacher, ETH Zurich

Contact: Prof. Martin Albrecht, University of Bern

<http://scg.ch/springmeeting/2017>

NON-SCS CONFERENCES IN SWITZERLAND

01.11.2016.–30.04.2017

HPAPI World Congress 2016

16.11.2016, 09.00–18.00 h

Congress Center Basel, Messeplatz 21

The HPAPI World Congress explores how to mitigate the risks associated with manufacturing highly potent compounds so that regardless of whether you are part of the Executive Committee, or the technician handling toxic powder, you know that your HPAPI operations are safe and secure.

The HPAPI market is gaining momentum and is being cited as one of the most important sectors within the entire pharmaceutical industry, so there has never been a better time to get involved and gain a competitive advantage.

<http://www.terrapinn.com/conference/hpapi-world-congress/index.stm>

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>

LS² Annual Meeting 2017



02.–03.02.2017

University of Zurich, Irchel Campus

The LS² Annual Meeting brings together scientists from all nations and backgrounds to explore the large spectrum united under the umbrella of Life Sciences.

Alongside our scientific program with internationally renowned speakers, we also offer career development sessions, as well as numerous workshops and discussion rounds, a large industry exhibition and 100+ posters presented by promising young scientists.

<https://ls2-annual-meeting.ch>

LECTURES

01.11.2016–30.11.2016

Lectures at Novartis

<http://www.novartis.com>

Prof. Darren J. Dixon, University of Oxford UK
23.11.2016, 10.30 h, Novartis Pharma AG, Horburg Auditorium

Lectures University of Basel
Anorganische und Organische Chemie
<http://alf3.urz.unibas.ch/kolloq>

Prof. Veronique Gouverneur, University of Oxford, UK
03.11.2016, 17.30 h, Kleiner Hörsaal OC
Basler Chemische Gesellschaft

Prof. Jeffrey D. Kovac, University of Tennessee, Knoxville, TN, USA
04.11.2016, 14.00 h, Kleiner Hörsaal OC
SCNAT Ethics lecture

Prof. Michael Krische, University of Texas, Austin, TX, USA
10.11.2016, 17.30 h, Kleiner Hörsaal OC

Prof. Olafs Daugulis, University of Houston, Houston, TX, USA
11.11.2016, 10.45 h, Kleiner Hörsaal OC
«New Methods for Carbon-Hydrogen Bond Functionalization»

Prof. Phil. S. Baran, The Scripps Research Institute, San Diego, CA, USA
18.11.2016, 11.00 h, Grosser Hörsaal OC
«Translational Chemistry»
With EROS Best Reagent Award ceremony

PCC Christmas Symposium
30.11.2016, 13.00 h, Grosser Hörsaal OC

Physikalische Chemie

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

Prof. Nadja Hellmann, Johannes-Gutenberg-University, Mainz, Germany
09.11.2016, 16.30 h, Kleiner Hörsaal, Raum 4.04., 2. Stock
«Hemocyanins: Giant Oxygen Carriers»
PC-Kolloquium

Dr. Pavel Levkin, Karlsruhe Institute of Technology, Germany
16.11.2016, 16.30 h, Kleiner Hörsaal, Raum 4.04., 2. Stock
«Biofunctional Polymer Interfaces with Special Wettability for Stem Cell Research»
PC-Kolloquium

Prof. Rainer Beck, EPF Lausanne
23.11.2016, 16.30 h, Kleiner Hörsaal, Raum 4.04., 2. Stock
«Exploring Gas/Surface Reaction Dynamics through Quantum State Resolved Molecular Beam Experiments»
PC-Kolloquium

Dr. Jan R. R. Verlet, Durham University, United Kingdom
30.11.2016, 16.30 h, Kleiner Hörsaal, Raum 4.04., 2. Stock
«How Excess Electrons are Captured by Molecules»
PC-Kolloquium

Pharmazeutische Wissenschaften

<http://pharma.unibas.ch>

Prof. Bruno Stieger, University of Zurich
02.11.2016, 17.00 h, Lecture Hall 1, Pharmazentrum
«In vitro assays for drug-induced cholestasis»
Seminars on Drug Sciences

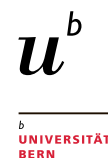
Philipp Krastel, Novartis Pharma AG, Basel
09.11.2016, 17.00 h, Lecture Hall 1, Pharmazentrum
«Using nature's chemical diversity as a stepping stone for drug discovery»
Seminars on Drug Sciences

Prof. Walter Berger, Medizinische Universität Wien, Institut für Krebsforschung, Wien, Austria
23.11.2016, 17.00 h, Lecture Hall 1, Pharmazentrum
«Novel anticancer targets and targeting strategies»
Seminars on Drug Sciences

Prof. Tanja Pommerening, Institut für Altertumswissenschaften, Ägyptologie, Mainz, Germany
30.11.2016, 17.00 h, Lecture Hall 1, Pharmazentrum
«Pharmakologisches aus dem Alten Ägypten»
Seminars on Drug Sciences

Lectures at University of Bern

Anorganische, Analytische und Physikalische Chemie

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

Prof. Ulrich Heiz, Technische Universität München, Germany
18.11.2016, 11.15 h, Hörsaal S379,
«When each atom counts!»
PhD Program

Biochemie

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

Prof. Peter Rehling, Universitätsmedizin Göttingen, Germany
07.11.2016, 16.30 h, Hörsaal S 481, DCB
«Mitochondrial protein biogenesis: How to build the power plant»
Biochemische Vereinigung Bern

PhD Pascale Romby, Université de Strasbourg, France
14.11.2016, 16.30 h, Hörsaal EG 16, DCB
«Multiple regulatory RNAs in Staphylococcus aureus coordinate stress responses and metabolism adaptation to virulence gene expression»
NCCR RNA & Disease Seminar

Dr. Dorothee Dormann, Ludwig-Maximilians-Universität, München, Germany
21.11.2016, 16.30 h, Hörsaal S 481, DCB
«Molecular mechanisms of neurodegeneration – from nuclear transport defects to protein aggregation»
Biochemische Vereinigung Bern

Lectures at University of Fribourg

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

Prof. Dorota Gryko, Polish Academy of Sciences, Warsaw, Poland
09.11.2016, 17.15 h, main auditorium, Chemistry department

Lectures University of Geneva
Société Chimique de Genève
<http://www.unige.ch/sochimge/>



Prof. Cédric Saucier, Université de Montpellier, France
 28.11.2016, 17.30 h, Bâtiment Sciences II, Auditoire A. Pictet A100

«Le Vin et La Chimie: historique et développements récents en Œnologie»
 Conférences de la Société Chimique de Genève

Chimie organique

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

Prof. Silas Cook, Bloomington University, Chemistry Department, Indiana, USA

02.11.2016, 17.15 h, 1S059, Sciences III
 «Changing Perceptions: Advancing the Scope of Cross Coupling through Radical Organom»

Prof. Gianluca M. Farinola, Università degli Studi di Bari "Aldo Moro" Bari, Italy

10.11.2016, 16.30 h, Auditoire A-100
 «Non-Conventional Routes to Organic and Hybrid Materials for Solar Energy Conversion»

Prof. Joseph Moran, ISIS University of Strasbourg, France

15.11.2016, 16.30 h, Auditoire A-100
 «Catalysis in Complex Mixtures: From Discovering Synthetic Methods towards Understanding the Origin of Life»

Prof. Raphaël Rodriguez, Institut Curie, Paris, France

24.11.2016, 16.30 h, Auditoire A-100
 «An Iron Hand Over Cancer Stem Cells»

Prof. Janine Cossy, ESCPI Paris Tech, France

30.11.2016, 17.15 h, Auditoire 1S059, Sciences III

Lectures at EPF Lausanne
Institut des Sciences et Ingénierie Chimiques

<http://isic.epfl.ch/isic-seminars>



Prof. Chase Beisel, Department of Chemical and Biomolecular Engineering, North Carolina State University, Raleigh, USA

03.11.2016, 16.15 h, CH B3 30
 «CRISPR synthetic biology»
 Chemical Engineering Seminars

Dr. Denis Andrienko, Max Planck Institute for Polymer Research, Germany

10.11.2016, 16.30 h, EPF Lausanne, CH G1 495
 Physical Chemistry Seminar

Prof. Greta Patzke, Department of Chemistry, Uni. Zurich

17.11.2016, 16.00 h, EPFL Valais Wallis, Zeuzier conference room
 «Towards Artificial Photosynthesis: Molecular and Materials Design for Water Oxidation»

Prof. Jennifer Rupp, Department of Materials, ETH Zurich

18.11.2016, 16.15 h, CH B3 30
 «Chemical Engineering Seminars - Energy Storage and Sensing Devices based on Novel Li+ All Solid State Material Architectures»
 Chemical Engineering Seminar

Lectures University of Zurich
Department of Chemistry
<http://www.chem.uzh.ch/en/events>



Prof. Kay Severin, EPF Lausanne

01.11.2016, 17.00 h, Lecture Hall Y 03-G-95
 «Synthetic Chemistry with Laughing Gas»

Prof. Kazuhiko Ishihara, University of Tokyo, JP

08.11.2016, 17.00 h, Lecture Hall Y 03-G-95
 «Phospholipid polymer biomaterials for advanced cell engineering»

Dr. Alec Birkbeck, Firmenich International SA, CH

22.11.2016, 17.00 h, Lecture Hall Y 03-G-95
 «Towards the First Industrial Synthesis of (+/-)-(Z)-b-Santalol: Savoir faire into chiffres d'affaire...»

Prof. Stefan Matile, University of Geneva, CH

29.11.2016, 17.00 h, Lecture Hall Y 03-G-95
 «Conceptually Innovative Functional Systems»

Lectures ETH Zürich



Chemie- und Bioingenieurwissenschaften (ICB)

http://www.sust-chem.ethz.ch/education/seminar_program

Lukas Eberle, ICB, ETH Zurich,

04.11.2016, 10.30 h, Hönggerberg, HCI H8
 «Enhancing Efficiency of Sterile Drug Product Manufacturing: Data-driven Methodologies and Industrial Applications»
 Sicherheit und Umweltschutz in der Chemie

Merten Morales, ICB, ETH Zurich

18.11.2016, 10.30 h, Hönggerberg, HCI H8
 «Biorefinery Technologies – Chemicals from renewable Resources»
 Sicherheit und Umweltschutz in der Chemie

Dr. Aaron D. Bojarski, Technology ETP, Process Technology–Core, SABIC, Spain

25.11.2016, 10.30 h, Hönggerberg, HCI H8
 «Design of Experiments and Chemical Process Simulation for Industrial Technology Development»
 Sicherheit und Umweltschutz in der Chemie

ETHZ, D-CHAB

<https://www.chab.ethz.ch>

Prof. Jan-Erling Bäckvall, Stockholm University, Sweden

07.11.2016, 16.00 h, Hörsaal HCI J7, ETH Hönggerberg
 «Biomimetic Catalysis in Green Organic Transformations»
 Prelog Lecture

Prof. Jeanne Crassous, Université de Rennes, France

21.11.2016, 16.00 h, Hörsaal HCI J7, ETH Hönggerberg
 «The Fruitful Combination of Helicenes and Metallic Ions»
 Kolloquium

Prof. Carsten Schultz, European Molecular Biology Laboratory, Heidelberg, Germany

28.11.2016, 16.00 h, Hörsaal HCI J7, ETH Hönggerberg
 «Lipid Tools for Studying Cell Networks»
 Kolloquium

Prof. Thomas Elsässer, Max-Born-Institut für Nichtlineare Optik und Kurzzeitspektroskopie, Berlin, Germany
01.11.2016, 16.45 h, ETH Zürich, HCI J3
«Electric Interactions and Structure Fluctuations of Hydrated DNA Mapped by 2D Infrared Spectroscopy»
Kolloquium

Dr. Katrin Siefermann, Leibniz Institute of Surface Modification, Leipzig, Germany
08.11.2016, 16.45 h, ETH Zürich, HCI J3
«Ultrafast photoemission electron microscopy in materials science»
Kolloquium

Prof. Jiri Vanicek, EPF Lausanne
29.11.2016, 16.45 h, ETH Zürich, HCI J3
«On-the-fly ab Initio Semiclassical Dynamics for Computing Vibrationally Resolved Electronic Spectra»
Kolloquium

EDUCATION COURSES

Organized by the Division of Analytical Sciences (DAS)
<http://scg.ch/courses>

Trenntechnik

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: 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-Anwenderinnen [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

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-Seeborn, Deutschland

Spektroskopie

Röntgenfluoreszenz in der praktischen Anwendung [SP-3]

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

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

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

Qualitätssicherung und Informationsbeschaffung

Statistische Auswertung von Messwerten zur Qualitätssicherung [QS-3]

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

Qualifizieren von Analysengeräten [QS-7]

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

Validieren von Analysenverfahren II – Praktische Beispiele [QS-9]

28.11.2016, 9–17h; Eawag, Dübendorf
Dr. Ernst Halder, Lonza AG, Visp

Referenzmaterialien zur Methodvalidierung 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

More details on <http://scg.ch/courses>

Course Prices in CHF

	½ Day	1 Day	2 Days	3 Days
Individual members ¹	300	510	940	1'300
Non members	380	630	1'130	1'600
Students, AHV, Unemployed	160	260	470	730

¹ FLB, GDCh, GÖCH, SASP, SCG, SCV, SSFC, SGMS, SVC

VAT not included

License fees, course documentation, drinks and lunch included