



Events

Congresses, Symposia, Lectures, Education Courses

SCS CONFERENCES AND SYMPOSIA 2017

Freiburger Symposium 2017 by DIAC

«Green Chemistry – from Concept to Industrial Reality»



11.–12. May 2017

School of Engineering and Architecture of Fribourg, Building A, Auditorium Edouard Gremaud, Fribourg

The objective of this biannual 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 Thursday, May 11, 2017

- 09.00 Door opening – Opening of the symposium's reception desk, Coffee
- 09.30 Opening of the 13. Freiburger Symposium
Address of welcome by **Dr. Roger Marti**, HTA-FR and **Dr. Bernhard Urwyler** – Board Director of DIAC
Dr. Kerstin Bodmann, Lonza AG – Introduction to the program
- 09.45 «Automatic Synthetic Design with Chematica»
Prof. Bartosz A. Grzybowski, UNIST, South Korea
- 10.30 «New Dimensions in Process Innovation as Enabler for Green Chemistry»
Dr. Olaf Wachsen, Clariant Produkte (Deutschland) GmbH
- 11.15 Le verre de l'amitié
- 11.45 «3 Ways to Efficiently Develop Green Crystallization Processes»
Dr. Levente Simon, BASF Schweiz AG
- 12.45 Lunch break
- 14.00 «Homogeneous Catalytic Hydrogenation Reactions towards Fragrance and Flavor Industrial Applications»
Dr. Philippe Dupau, Firmenich SA
- 14.45 «Chlorination and Sulfonation Chemistry – More Sustainable Approaches»
Dr. Jörg Schrickel, CABB AG
- 15.30 Coffee break
- 15.45 «Alternative Solvents: from a Compliance-driven Activity to a Trigger for Innovation»
Dr. Fabrice Gallou, Novartis Pharma AG
- 16.30 Keynote Lecture: «Be Greener by Using Hazardous Reactions»
Dr. Markus Blocher, Dottikon Exclusive Synthesis AG
- 19.00 Aperitif and Symposium Dinner

Program Friday, 12 May 2017

- 08.30 Door opening – Opening of the symposium's reception desk, Coffee
- 09.00 Sandmeyer Award Lecture 2017
«Efficient Industrial Synthesis of Idasanutlin via a Cu(I)-catalyzed [3+2] Asymmetric Cycloaddition»
Dr. Stefan Hildbrand, **Dr. Daniel Fishlock**, F. Hoffmann-La Roche Ltd.
- 10.00 Sandmeyer Award Lecture 2016

«Development of Commercial Organic Additives for the Grinding of Inorganic Solids»

Dr. Martin Weibel, Sika Technology AG, Zurich, **Prof. Hendrik Heinz**, University of Colorado Boulder, USA, **Dr. Ratan K. Mishra**, Inst. for Building Materials, ETH Zurich

- 10.45 Coffee break
- 11.15 «CleanCow: A Methane Mitigation Strategy»
Dr. Maik Kindermann, **Dr. Daniel Lumpi**, DSM Nutritional Products
- 12.00 «Synthetic Biology – Sesquiterpenes Production via Microbial Fermentation»
Dr. Laurent Daviet, Firmenich SA
- 12.45 Lunch break
- 14.00 «Avoid, Reduce, Recycle – Efficiency and Recovery of Energy from Waste»
Dr.-Ing. Anna Fellenberg, Lonza AG
- 14.45 «Innovative Solution of a Continuous Process Optimized regarding Waste, Energy Consumption and Capacity Optimization»
Laure Deslarzes, Syngenta Crop Protection Monthey
- 15.30 «Green Strategies for Solid-phase Peptide Synthesis»
Prof. Fernando Albericio Palomera, Universitat de Barcelona
- 16.15 Closure of the Symposium

Participation Fees

The registration fee includes access to conference sessions, lunch and all-day refreshments, wine reception and conference documents:

- CHF 600 DIAC members
CHF 640 other members of SCS and members of SVC
CHF 800 all other participants (non-SCS members)
CHF 350 retired and unemployed persons
CHF 100 students and postdocs

Contact

Chair: **Dr. Kerstin Bodmann**, Lonza AG
Co-Chair: **Dr. Roger Marti**, HTA Freiburg

Sponsors

The support of the following companies is much appreciated:
BASF, DSM Nutritional Products, Lonza, Firmenich, Novartis, Roche, Syngenta, HEIA-FR, Büchi Glas Uster

SCS Conference on Stereochemistry 2017 – “Bürgenstock Conference”



30. April – 4. May 2017,
Seehotel Waldstätterhof, Brunnen
This international conference provides highest scientific quality, with an optimal setting for intense inter-disciplinary discussion.
Stereochemistry is the principle underlying our understanding of the processes of life and the properties of matter at

the molecular level. It is a key element not only in all chemical disciplines, but also in modern molecular biology, molecular medicine, biophysics, and material design. Accordingly, the 'Bürgenstock Conference' has grown over the years into a multi-disciplinary conference where frontier science is being discussed. Lectures cover many areas of chemistry and relevant highlights from neighboring disciplines.

Program

The program consists of 14 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.

Website:

www.stereochemistry-buergenstock.ch

SCS Fall Meeting 2017 NEW: 1.5 days!



August 21–22, 2017

University of Bern, vonRoll Areal

Given its increased size and popularity, the meeting was extended to an event of one and a half days to better accommodate the one thousand participants, and to also offer new platforms. We are happy and proud to present you a fantastic and diversified program with contributions from academia and industry in all fields of chemistry.

The SCS Fall Meeting offers a unique opportunity for all members of the community to share the results of their research initiatives. It also stimulates the exchange of ideas between all generations of chemists, often creating the seeds for new projects and collaborations.

Highlights of the first day, Aug 21, 2017, will be

- Helvetica session to celebrate the 100th anniversary
- Future leaders on stage: SCS postdoc colloquium¹
- Future leading companies on stage: start-up colloquium
- KGF-SCS Senior Industrial Award lecture
- The famous SCS poster sessions¹ with beer & brezels (we expect to get close to 500 posters)
- SCS VIP event: apéro riche for invited guest incl. award ceremonies of the 2017 major SCS prize winners

The second day, Aug 22, 2017, will provide you the traditional Fall Meeting program with

- Two plenary sessions with lectures of prize winners 2017
- The second part of the poster sessions¹ during lunch time
- Eight thematic parallel sessions with key note lectures and 15 min PhD presentations¹ in the morning and the afternoon
- Symposium on PAT & Industry 4.0
- Commercial exhibition with partners from industry
- Best oral and best poster presentation award ceremony

Topics of the parallel sessions are

- Analytical sciences
- Catalysis science & engineering
- Inorganic & coordination chemistry
- Medicinal chemistry & chemical biology
- Organic chemistry
- Physical chemistry
- Polymers, colloids & interfaces
- Computational chemistry => will take place in Basel

on the occasion of the 'Symposium für Theoretische Chemie (STC)'.

¹Call for contributions open from 20. March to 12. May 2017
<http://scg.ch/fallmeeting/2017>

Austrian Chemistry Days 2017



September 25–28, 2017

University of Salzburg, Austria

The Austrian Chemical Society (Gesellschaft Österreichischer Chemiker, GÖCH) invited the SCS to partner for their major annual chemistry event in Salzburg. To strengthen the relationship and to foster the exchange between researchers of both countries, SCS plans to participate with a delegation of about 30 researchers.

The SCS delegation will be led by, Prof. em. E. Peter Kündig, University of Geneva (Invited lecture on Wed, 27.09.17, 14.20h), Prof. Maksym Kovalenko, ETH Zürich, Werner Prize Winner 2016 (Invited lecture on Tue, 26.09.17, 09.00h), Dr. Alain De Mesmaeker, Syngenta Crop Protection, Stein, SCS President, Prof. Christian Bochet, University of Fribourg, SCS Vice President, Dr. Hans Peter Lüthi, ETH Zurich, SCS Board member, David Spichiger, SCS Executive Director

We are now calling for PhD/Postdoc applications that will complete the SCS delegation

Travel to Salzburg and back to Switzerland

Departure Zurich main station: Mon, 25.09.2017, 08.40h > Arrival in Salzburg: 14.03h

Departure Salzburg: Wed, 27.09.2017, 15.56 > arrival in Zurich: 21.20h

Conference related onsite-costs will be covered by SCS:

Participation fee for the whole conference

Welcome party on Mon, 25.09.17

Conference evening on Thu, 26.09.17

Accommodation (hotel organized by GÖCH)

If you are interested to be part of the SCS delegation, please send a mail to info@scg.ch, including your abstract. A poster or oral presentation is mandatory for all Swiss participants. The abstract template is available on the SCS website www.scg.ch/goech17

Abstract submission: May 15, 2017

<http://www.chemietage.at>

ILMAC Romandie 2017

October 4–5, 2017

MCH Beaulieu Lausanne SA

The fair provides a unique platform for process and lab automation in the French speaking part of CH with a strong focus of interaction and get-together sessions.

www/ilmac.ch

SCS-Syngenta Symposium

October 5, 2017

Syngenta Research Campus, Stein (AG)

"Natural Products: an ongoing chemist's success story"

<http://scg.ch/syngenta-symposium/2017>

Non-SCS CONFERENCES IN SWITZERLAND

01.05.2017.–31.10.2017

Swiss Biotech Day 2017

04.05.2017

Congress Center Basel

The Swiss Biotech Day is the leading biotechnology conference in Switzerland. Constantly growing, the 2017 event will bring together around 500 senior executives from the life science industry across Europe. As always, the event targets entrepreneurs, investors, researchers, analysts, political decision makers and industry stakeholders.

<http://swissbiotechday.ch/>

Innovation finanzieren mit Non-Dilutive Funding für Start-ups und Unternehmen

17.05.2017

Hotel Engel, Liestal

Innovation ist der Schlüssel für den Erfolg von KMUs und Start-ups. Eine Möglichkeit, innovative Geschäftsfelder zu entwickeln, zu erhalten und den Zugang zum Markt zu erreichen, ist es, Non-Dilutive Finanzierungen in das Unternehmen zu holen. Diese Art der Finanzierung ist ideal, um bei der Umsetzung neuer Ideen und Strategien zu unterstützen. Ebenso ist die Kooperationen mit Partnern aus anderen Geschäftsfeldern und aus anderen Ländern ein wichtiger Schritt im Prozess der Unternehmensentwicklung. BaselArea.Swiss und Euresearch Basel organisieren diesen Anlass mit Unterstützung der Standortförderung Baselland, KTI/InnoSuisse und der Handelskammer beider Basel für interessierte Unternehmer, Forscher und Innovatoren. Experten informieren über verschiedene Finanzierungsmöglichkeiten wie Horizon 2020, Eurostars, Gründerförderung Base-Launch, CTI und Interreg. Zudem werden Unternehmer von ihren eigenen Erfahrungen berichten.

<http://www.baselarea.swiss/>

Course on Medicinal Chemistry

24.–26.05.2017, Hotel Merian Basel

Medicinal chemists need to understand the relationship between chemical structure and the physical properties of molecules and how this translates into compound stability and the interaction of the molecule with biological structures. These biological targets include proteins, lipids, nucleic acids and cell membranes. Interaction of the molecules with these targets affects the distribution of the compound in biological systems and modulates biological function.

<https://www.scientificupdate.co.uk/index.php/training/scheduled-training-courses/details/211-Medicinal%20Chemistry.html>

Bernd Giese's Birthday Symposium

02.06.2017

University of Fribourg, Main Auditorium 0.013, Fribourg

On June 2, 2017, Bernd Giese, one of Switzerland's top chemists, will turn 77. On this occasion, the Department of Chemistry of the University of Fribourg organizes a birthday symposium around organic chemistry with focus on bio-organic and physical organic chemistry, reuniting many of Bernd Giese's scientific offsprings as well as other internationally well recognized speakers. This symposium will offer an attractive programme to chemists in Switzerland as well as across borders.

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

10th Edition of the Life Science Forum Basel

14.06.2017

Institute for Pathology at the University hospital (USB), Basel
Our theme this year will be: "The New Age of Healthcare"

We want to reflect the rapidly changing world of healthcare and research and how new developments can shape the next ten years of health, treatment, and research.

<http://www.lifescienceforumbasel.org>

22nd International Symposium on Olefin Metathesis and Related Chemistry (ISOM XXII)

09.07.2017–12.07.2017

ETH Zürich (Zentrum), Main Building, Zürich

Following the model of a successful series of previous symposia, the upcoming ISOM XXII will cover the following topics:

- Catalyst development and Organometallic Chemistry of carbenes and carbynes
- Application of Olefin Metathesis in Organic and Pharmaceutical Chemistry
- Application of Olefin Metathesis in Materials and Polymer Chemistry
- Application of Olefin Metathesis in sustainable use of renewable resources
- Olefin Metathesis related chemistries

<http://www.isom22.ch>

BioTech 2017

07.–08.09.2017

Zurich University of Applied Sciences, Campus Grüental, Wädenswil

BioTech 2017 will provide an interdisciplinary discussion forum for experts in the field of (bio)process analytics and sensor technology. With a strong focus on applications, the conference aims at bringing together scientists and professionals from both industry and academia.

<http://www.biotech2017.ch>

LECTURES MAY 2017

SCS Lectureships

Associate Prof. Ryan Shenvi, The Scripps Research Institute, La Jolla, USA

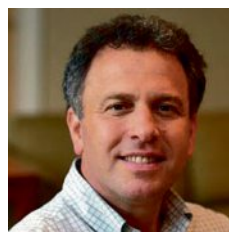


«Chemical Synthesis of Secondary Metabolites»

- University of Basel, Organic Chemistry, Kleiner Hörsaal OC, Thu, May 08, 2017, 17.30h
- University of Zürich, Irchel Campus, Y15 G 60, Tue, May 9, 2017, 17.00h
- University of Bern, DCB Hörsaal EG16, Wed, May 10, 2017, 16.30h
- EPF Lausanne, BCH 2218, Thu, May 11, 2017, 17.15h
- University of Geneva, Organic Chemistry, Auditorien A-100, Fri, May 12, 2017, 16.30h

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

Prof. Jonathan Ellmann, Yale University, USA



«C-H Functionalization for the Efficient Assembly and Elaboration of Heterocyclic Compounds»

- University of Geneva, Auditorium A-100, Mon, May 15, 2017, 16.30h
- University of Fribourg, Main auditorium, Tue, May 16, 2017, 17.15h
- EPF Lausanne, BCH 2218, Wed, May 17, 2017, 17.15h

- University of Basel, Kleiner Hörsaal OC, Thu, May 18, 2017, 17.30h
 - ETH Zurich, Fri, May 19, 2017, 16.00h
- <http://scg.ch/scs-lectureships>

Lectures at University of Basel

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



Inorganic and organic chemistry

Dr. Christian Merten, Ruhr-University Bochum, Germany
12.05.2017, 10.45h, Kleiner Hörsaal OC, Organische Chemie

Prof. Dr. Jon Ellmann, Yale University, New Haven, USA
18.05.2017, 17.30h, Kleiner Hörsaal OC, Organische Chemie
SCS Lectureship

Pharmazeutische Wissenschaften

<http://pharma.unibas.ch>

Prof. Dr. David Hoogewijs, University of Fribourg
03.05.2017, 17.00h, Lecture Hall 1, Pharmazentrum
«The cellular oxygen sensing pathway: updates and its potential for targeting»
Seminars on Drug Sciences

Dr. Joana Granado, Actelion Pharmaceuticals Ltd., Allschwil
10.05.2017, 17.00h, Lecture Hall 1, Pharmazentrum
«Developing and Marketing an Orphan Drug»
Seminars on Drug Sciences

PD Dr. Gabriele Weitz-Schmidt, AlloCyte Pharmaceuticals AG, Basel
17.05.2017, 17.00h, Lecture Hall 1, Pharmazentrum
«Development of a new generation of integrin targeting drugs»
Seminars on Drug Sciences

PD Dr. med. Alexander Jetter, Universitätsspital Zürich
31.05.2017, 17.00h, Lecture Hall 1, Pharmazentrum
«Individualization in drug therapy»
Seminars on Drug Sciences

Physikalische Chemie

Prof. Dr. David Wales, University of Cambridge, UK
03.05.2017, 16.30h, Kleiner Hörsaal, Raum 4.04., 2. Stock
«Multifunctional Energy Landscapes»
PC-Kolloquium

Prof. Dr. Jean-Pierre Wolf, University of Geneva
10.05.2017, 16.30h, Kleiner Hörsaal, Raum 4.04., 2. Stock
«Use of Ultrashort High-Intensity Lasers for Atmospheric Control»
PC-Kolloquium

Prof. Dr. Piergiorgio Casavecchia, University of Perugia, Italy
17.05.2017, 16.30h, Kleiner Hörsaal, Raum 4.04., 2. Stock
«Reaction Dynamics of Oxygen Atoms with Unsaturated Hydrocarbons in Crossed Beams: Primary Products, Branching Ratios and Role of Intersystem Crossing»
PC-Kolloquium

Prof. Dr. Michele Parrinello, ETH Zurich
31.05.2017, 16.30h, grosser Hörsaal, Raum 3.10., 1. Stock
«Fluctuations, Entropy and Rare Events»
Werner Kuhn Seminar

Lectures at University of Bern

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



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UNIVERSITÄT
BERN

Organische und Bioorganische Chemie

Prof. Ryan Shenvi, The Scripps Research Institute, La Jolla, USA
10.05.2017, 16.30h, Hörsaal EG16
Berner Chemische Gesellschaft, SCS Lectureships

Dr. Emmanuel Lacôte, Université Claude Bernard Lyon 1, France
16.05.2017, 16.30h, Hörsaal EG16
«Boron-based Lewis pairs for radical photopolymerizations and Hydrogen-storage»
Phd Programm

Inorganic, analytical and physical Chemistry

Prof. Thomas J. Schmidt, ETH Zurich / PSI
03.05.2017, 16.30h, Hörsaal EG16
«The Swiss Competence Center for Energy Research Heat & Electricity Storage in the Light of the Swiss Energy Strategy 2050»
Berner Chemische Gesellschaft

Prof. Dr. Roman Fasel, EMPA
11.05.2017, 11.15h, HörsaalS481, Departement für Chemie und Biochemie, Universität Bern
«On-surface synthesis of graphene nanoribbons: From molecules to high performance switching devices»
PhD Programm

Biochemistry

Prof. Markus T. Bohnsack, Georg-August-Universität, Göttingen, Germany
01.05.2017, 16.30h, Hörsaal S481
«Functions of RNA-protein complexes»
Biochemische Vereinigung Bern

Prof. Juan Valcarcel, Centre for Genomic Regulation, Barcelona, Spain
08.05.2017, 16.30h, Hörsaal U113
«Networks of alternative splicing regulation in cancer»
NCCR RNA & Disease Seminar

Prof. Stuart Wilson, University of Sheffield, UK
15.05.2017, 16.30h, Hörsaal U113
«Nuclear retention and export mechanisms for RNA in humans»
NCCR RNA & Disease Seminar

Dr. Thomas Stockner, Medical University of Vienna, Austria
22.05.2017, 16.30h, Hörsaal S481
«Neurotransmitter transporters under the microscope: ligands, structures and function»
Biochemische Vereinigung Bern

Prof. Anita Marchfelder, Universität Ulm, Germany
29.05.2017, 16.30h, Hörsaal S481
«CRISPR-Cas in Archaea: useful tool without auto-immune problems»
Biochemische Vereinigung Bern

Lectures at EPF Lausanne<http://isic.epfl.ch/isic-seminars>

Prof. Martyn Poliakoff, University of Nottingham, UK
05.05.2017, 16.15h, BCH 2201

Ass. Prof. Corinna Schindler, University of Michigan, USA
10.05.2017, 16.15h, BCH 2218

Prof. Lutz Ackermann, Georg-August-Universität, Göttingen, Germany
10.05.2017, 17.15h, BCH 2218

Prof. Ryan A. Shenvi, The Scripps Research Institute, La Jolla, USA
11.05.2017, 17.15h, BCH 2218
«Chemical Synthesis of Secondary Metabolites»
SCS Lectureships

Prof. Jon Ellmann, University of Yale, USA
17.05.2017, 17.15h, BCH 2218
SCS Lectureships

Prof. Michael Strano, Massachusetts Institute of Technology, USA
19.05.2017, 16.15h, BCH 2201
«Mass and energy manipulation using carbon nanotechnology»

Prof. Eric Meggers, University of Marburg, Germany
24.05.2017, 17.15h, BCH 2218
«Organic Chemistry Seminar – Visible-Light-Activated Asymmetric Catalysis»

Prof. Antonio M. Echavarren, Institute of Chemical Research of Catalonia, Tarragona, Spain
31.05.2017, 17.15h, BCH 2218

Prof. Benedetta Mennucci, Università di Pisa, Italy
11.05.2017, 16.30h, BCH 2201

Prof. Lyndon Emsley, EPF Lausanne
18.05.2017, 16.30h, BCH 2201

Lectures at University of Fribourg<http://www-chem.unifr.ch/en/events/seminars>

Prof. George Malliaras, École nationale supérieure des mines de Saint-Étienne, France
03.05.2017, 17.15h, Main auditorium, Chemistry department

Ass. Prof. Corinna Schindler, University of Michigan, USA
09.05.2017, 17.15h, main auditorium, Chemistry department

Prof. Jonathan Ellmann, Yale University, USA
16.05.2017, 17.15h, Main auditorium, Chemistry department
SCS Lectureships

Lectures at University of Genève<http://www.unige.ch/sciences/>**Organic Chemistry**

Prof. Ryan A. Shenvi, The Scripps Research Institute, USA

12.05.2017, 16.30h, Auditoire A-100
SCS Lectureships

Prof. Jon Ellman, Yale University, USA
15.05.2017, 16.30h, Auditoire A-100
SCS Lectureships

Prof. Takuzo Aida, The University of Tokyo, Japan
26.05.2017, 16.30h, Auditoire A-100

Dr. Sébastien Ulrich, Institut des Biomolécules Max Mousseron, Université de Montpellier, France
31.05.2017, 16.30h, Auditoire A-100

Lectures at University of Zurich<http://www.chem.uzh.ch>

Prof. John McGrady, University of Oxford, UK
02.05.2017, 17.00h, Lecture Hall Y 15 G60
«Metals in the middle: electrons on the localised/delocalised borderline»

Prof. Ryan Shenvi, The Scripps Research Institute, USA
09.05.2017, 17.00h, University of Zürich, Irchel Campus, Y15 G 60
SCS Lectureship

Prof. Dr. Matteo Tegoni, University of Parma, Italy
16.05.2017, 17.00h, Lecture Hall Y 15 G60
«Toward artificial biomolecules through De novo Metallopeptide Design»

Prof. Dr. Peter Vollhardt, University of Berkeley, USA
23.05.2017, 17.00h, Lecture Hall Y 15 G60
«Saving the Planet: Toward a Sun-charged Thermal Molecular Battery»

Prof. Dr. Don Hilvert, ETH Zurich
30.05.2017, 17.00h, Lecture Hall Y 15 G60
«Design and evolution of artificial enzymes»

**Lectures at ETH Zurich
Laboratory of Inorganic Chemistry**<https://www.chab.ethz.ch/>

Prof. Greta R. Patzke, University of Zurich
23.05.2017, 17.15h, HCI J 7, ETH Hönggerberg
«Economic Artificial Photosynthesis Strategies: Molecular vs. Solid State Water Oxidation Catalysts»
LAC Lecture Series

Laboratory of Organic Chemistry<https://www.chab.ethz.ch/>

Prof. Jennifer Prescher, University of California, Irvine, USA
08.05.2017, 16.00h, HCI J3, ETH Hönggerberg
«Expanding the Imaging Toolbox»

Prof. Ben Feringa, University of Groningen, The Netherlands
15.05.2017, 16.00h, HCI G 3, ETH Hönggerberg
«Molecular Switches and Motors»
Behringer Simon Lecture

Prof. Abigail Doyle, Princeton University, USA
22.05.2017, 16.00h, Hönggerberg, HCI J 3
«New Directions in Ni-Catalyzed Cross Coupling»

Laboratory of Physical Chemistry

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

Minisymposium Doktorierende

02.05.2017, 16.45h, Hönggerberg, HCI J 3

«Sebastian Schnoz: Nanoscale imaging by magnetic resonance force microscopy»

«Ugo Jacovella: High-resolution photoelectron spectroscopic studies of hydrocarbon cations»

«Maximilian Beyer: Molecular Hydrogen»

Prof. Edvardas Narevicius, Weizmann Institute of Science, Rehovot, Israel

09.05.2017, 16.45h, Hönggerberg, HCI J 3

«Precision chemistry with cold molecules»

Kolloquium für Physikalische Chemie

Prof. Felicitas Pauss, Institute for Particle Physics (IPP), ETH Zürich and CERN

17.05.2017, 16.00h, Auditorium Maximum (HG F30), Main Building

«Science without Borders: The mystery of matter, space and time»

Richard R. Ernst Lecture 2017

Dr. Paul Jansen, ETH Zurich

23.05.2017, 16.45h, Hönggerberg, HCI J 3

«High-resolution spectroscopy of Zeeman decelerated cold metastable He₂ molecules»

Kolloquium für Physikalische Chemie

Minisymposium Doktorierende

30.05.2017, 16.45h, Hönggerberg, HCI J 3

«Jorge Ferreiro: The first steps of gas phase condensation: Nucleation and cluster growth»

«Denitsa Baykusheva: Title to be announced»

Kolloquium für Physikalische Chemie

Institute of Pharmaceutical Sciences

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

Prof. Ross D. King, University of Manchester, UK

17.05.2017, 17.15h, HCI J 4, ETH Hönggerberg

«Robot Scientists: Automating Drug Design»

Seminars in Drug Discovery and Development

Prof. Serge Rudaz, University of Geneva

31.05.2017, 17.15h, HCI J 4, ETH Hönggerberg

«Steroidomics, an innovative metabolomic approach to extend the teroid profile monitoring in Human»

Seminars in Drug Discovery and Development



Universität
Zürich ^{UZH}

Paul Karrer Lecture

Prof. Dr. Dr. h.c. Herbert Waldmann

Max Planck Institute of Molecular Physiology, Dortmund

How natural products
can inspire
chemical biology
and
medicinal chemistry

June 6th, 2017 17:00,
Aula of the University of Zurich
Rämistrasse 71



EDUCATION COURSES IN ANALYTICAL CHEMISTRY

Trenntechnik

High Performance Thin Layer Chromatography [TR-2]

10.–11.10.2017, 9–17h; CAMAG, Muttenz

Dr. Eike Reich, Dr. Melanie Broszat, Eliezer Ceniviva

Einführung in die Gaschromatographie (GC) [TR-4]

13.–14.06.2017, 9–17h; Brechbühler AG, Schlieren

Maurus Biedermann, Kantonales Laboratorium Zürich

Introduction to Gas-Chromatography NEW [TR-4E]

30.–31.05.2017, 9–17h; Olten

Maurus Biedermann, Kant. Laboratorium Zürich

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

14.–15.11.2017, 9–17h; Brechbühler AG, Schlieren

Maurus Biedermann, Kantonales Laboratorium Zürich

Injection techniques in gas chromatography NEW [TR-4bE]

26.–27.09.2017, 9–17h; Olten;

Maurus Biedermann, Kant. Laboratorium Zürich

GC für Fortgeschrittene: Methodenentwicklung [TR-4c]

31.10.2017, 9–17h; Brechbühler AG, Schlieren

Maurus Biedermann, Kantonales Laboratorium Zürich

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

04.10.2017, 9–17h; Brechbühler AG, Schlieren

Dr. Robert Stoop, Brechbühler AG, Schlieren

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

16.11.2017, 9–17h; Brechbühler AG, Schlieren

Maurus Biedermann, Kantonales Laboratorium Zürich

GC-Troubleshooting [TR-5]

16.–17.11.2017, 9–17h; Eawag Dübendorf

Heinrich Müller, Covanis GmbH, Busswil

GC-Troubleshooting NEW [TR-5E]

26.–27.10.2017, 9–17h; Olten; Heinrich Müller, Covanis GmbH, Busswil

Einführung in die HPLC [TR-9]

07.–08.06.2017, 9–17h

Eawag Dübendorf; Dr. Roland Looser

Introduction to HPLC NEW [TR-9E]

24.–25.10.2017, 9–17h

Olten; Dr. Roland Looser

Trends in der (U)HPLC-schnelle HPLC [TR-18]

30.08.2017, 9–17h; Eawag Dübendorf

Dr. Jürgen Maier-Rosenkranz, JMR-Analytik, Rottenburg-Seebronn, Deutschland

Trends in (U)HPLC-fast Chromatography Today NEW [TR-18E]

19.09.2017, 9–17h; Olten

Dr. Jürgen Maier-Rosenkranz, JMR-Analytik, Rottenburg-Seebronn, Deutschland

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

27.–28.11.2017, 9–17h; Eawag Dübendorf; François Vogel, FH-NW, Muttenz

From the Chemical Structure to a HPLC-Method NEW [TR-20E]

11.10.2017, 9–17h; Olten

Dr. Jürgen Maier-Rosenkranz, JMR-Analytik, Rottenburg-Seebronn, Deutschland

Detektoren in der HPLC [TR-16]

14.06.2017, 9–12.30h; Eawag Dübendorf

Dr. Christian Mink, Syngenta Crop Protection AG, Münchwilen

HPLC-MS in der Spurenanalytik [TR-6]

03.–04.10.2017, 9–17h; Eawag Dübendorf

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

HPLC-Troubleshooting – Ergänzungskurs [TR-11]

02.–03.11.2017, 9–17h; Eawag Dübendorf

Heinrich Müller, Covanis GmbH, Busswil

HPLC-Troubleshooting NEW [TR-11E]

07.–08.06.2017, 9–17h; Olten

Heinrich Müller, Covanis GmbH, Busswil

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

31.08.2017, 9–17h; Eawag Dübendorf

Dr. Jürgen Maier-Rosenkranz, JMR-Analytik, Rottenburg-Seebronn, Deutschland

Introduction to Biochromatography NEW [TR-19E]

10.10.2017, 9–17h; Olten

Dr. Jürgen Maier-Rosenkranz, JMR-Analytik, Rottenburg-Seebronn, Deutschland

Enantioselektive chromatographische Trennmethoden [TR-14]

07.11.2017, 9–17h; Eawag Dübendorf

Dr. Markus Juza, Corden Pharma Switzerland, LLC, Liestal

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

05.09.2017, 9–17h; Eawag Dübendorf

Dr. Haitham Barqawi, PPS Polymer Standards Service, Mainz, Deutschland

Characterization of polymers and biopolymers using Size Exclusion Chromatography GPC/SEC/GFC [TR-17E]

04.09.2017, 9–17h; DAS-Kurse Olten (Angestellte Schweiz), Olten

Dr. Haitham Barqawi, PPS Polymer Standards Service, Mainz, Deutschland

Einführung in die Ionenchromatographie (IC) [TR-8]

14.11.2017, 9–17h; Zofingen

Patrick Bruggmann, Methrohm Schweiz AG

Spektroskopie

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

05.09.2017, 9–17h; Eawag Dübendorf

Dr. Peter Lienemann, ZHAW, Wädenswil

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

07.09.2017, 9–17h; Eawag Dübendorf

Dr. Peter Lienemann, ZHAW, Wädenswil

Röntgenfluoreszenz in der praktischen Anwendung [SP-3]

16.11.2017, 9–17h; Eawag Dübendorf

Dr. Fredy Rüttimann, Terrachem GmbH, Mannheim, Deutschland

La Spectrométrie de Masse à Source Plasma: principes de fonctionnement et applications au dosage d'éléments en (nano-)traces et à la mesure de compositions isotopiques [SP-4F]

28.–29.09.2017, 9–17h; Genève; Sophie Michalet, François-Xavier d'Abzac, Géosciences Environnement Toulouse, Toulouse

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

07.–08.09.2017, 9–17h; Portmann Biel-Benken; Dr. Hans-Ulrich Gremlich, Winterthur

Interpretationstraining für IR-Spektren [SP-10a]

10.11.2017, 9–17h; Biel-Benken

Hans-Jörg Grether, Portmann Instruments AG

Interpretation von FT-IR-Spektren: Applikationen in der Polymerchemie [SP-10b]

11.–12.05.2017, 9–17h; Portmann, Biel-Benken

Hans-Jörg Grether, Peter Stark Portmann Instruments AG

La Spectrométrie de Masse : les Fondamentaux et les Applications NOUVEAU [SP-13F]

06.10.2017, 9–17h; Genève

Prof. Gérard Hopfgartner, Université de Genève

Hochauflösende Massenspektrometrie zur qualitativen Analyse [LS-4]

20.10.2017, 9–17h; Eawag Dübendorf
Prof. Gérard Hopfgartner, Universität Genf

La spectrométrie de masse à haute résolution pour l'analyse qualitative [LS-4F]

12.05.2017, 9–17h; Genève
Prof. Gérard Hopfgartner, Université de Genève

Grundlagen in der Interpretation von NMR-Spektren [SP-12a]

23.10.2017, 08.30–17h; Basel

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

24.–25.10.2017, 08.30–17h; Basel;
Raimund Brauner, Novartis Pharma AG, Basel

Training on NMR Interpretation Strategies NEW [SP-12E]

26.10.2017, 08.30–17h; Genève;
Raimund Brauner, Novartis Pharma AG, Basel

Fallgruben bei der Interpretation von NMR-Spektren NEU [SP-11]

15.11.2017, 9–17h; Dübendorf
Prof. Ernö Pretsch, ETH Zürich

Pitfalls in NMR spectra interpretation NEW [SP-11E]

27.10.2017, 9–17h; Genève
Prof. Ernö Pretsch, ETH Zürich

Analytische Anwendungen**Elektrochemische Titrationsmethoden: Einführung in die Praxis [AA-1]**

02.10.2017, 9–17h; Zofingen
Silvan Tschanz, Metrohm Schweiz AG, Zofingen

Karl Fischer Titration [AA-2]

09.10.2017, 9–17h; Zofingen
Silvan Tschanz, Metrohm Schweiz AG, Zofingen

Grundlagen der Festphasenextraktion (SPE) [AA-8]

12.06.2017, 9–17h; Eawag Dübendorf
Dr. Ute Beyer, Restek GmbH, Bad Homburg, Deutschland
Dr. Daniel Meier, Büchi Labortechnik AG, Flawil

Applications of the 2nd-Generation Quartz Crystal Microbalance (QCM) NEW [AA-7E]

15.09.2017, 9–17h; Genève
Prof. Diethelm Johannesmann, Clausthal-Zellerfeld, Deutschland
Kjeldahl, Dumas und NIR – Grundlagen und Anwendungen der Proteinbestimmung [AA-9]

09.11.2017, 9–16.30h; Flawil
Dr. Daniel Meier, BÜCHI Labortechnik AG, Flawil

Charakterisierung von Beschichtungen: Analytik und Schichtdickenmessung [AA-10]

19.10.2017, 9–17h; Eawag Dübendorf
Dr. Daniel Sutter, Helmut Fischer Technologie AG, Hünenberg

Methoden der Life Sciences**Einführung in die Oberflächenplasmonenresonanz, [LS-1]**

14.09.2017, 9–17h; Dübendorf
Prof. Holger Schönherr, Universität Siegen, D

Surface Plasmon Resonance (SPR) [LS-1E]

15.09.2017, 9–17h; Genève
Prof. Holger Schönherr, Universität Siegen, D
(Real-time) PCR-Analytik mit Anwendungsbeispielen aus der Lebensmittelanalytik [LS-2]

17.11.2017, 9–17h; Eawag Dübendorf
Dr. Peter Brodmann, Kant. Basel-Stadt, Basel, Albert Eugster, Amt für Verbraucherschutz des Kantons Aargau, Aarau

Isolation and Purification of Proteins NEW [LS-3E]

14.–15.11.2017, 9–17h; Olten
Dr. Roland Looser

Qualitätssicherung und Informationsbeschaffung Statistische Auswertung von Messwerten zur Qualitätssicherung [QS-3]

06.–08.11.2017, 9–17h; Olten
Dr. Roland Looser

Statistical Analysis of Measurement Values NEW [QS-3E]

16.–18.10.2017, 9–17h; Olten
Dr. Roland Looser

Messunsicherheit in der Analytischen Chemie [QS-5]

14.09.2017, 9–17h; Eawag Dübendorf
Dr. Matthias Rösslein, Empa, St. Gallen

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

26.10.2017, 9–17h; Eawag Dübendorf
Frau Sandra van Thiel, Dr. Nadine Mendl, Synlab pharma institute AG, Birsfelden

GMP-Praxis im Labor [QS-10]

20.06.2017, 9–17h; Eawag Dübendorf
Dr. Ralph Nussbaum, Zentrum für Biomedizintechnik, Aachen, Deutschland

GMP compliant test methods for the QC lab NEW [QS-13E]

19.–20.10.2017, 9–17h; Olten
Dr. Ralph Nussbaum, Dr. Jochen Kirschbaum, Zentrum für Biomedizintechnik, Aachen, Deutschland

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

03.10.2017, 9–17h; Eawag Dübendorf
Stefan Guggisberg, EOQ Quality System Manager, Ostermündingen

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

26.10.2017, 9–17h; Olten
Dr. Fritz Erni, QbD consultant, Dornach

Qualifizieren von Analysengeräten [QS-7]

10.11.2017, 9–17h; Eawag Dübendorf
Dr. Ernst Halder, Lonza AG, Visp

Validieren von Analysenverfahren I, Grundlagen [QS-8]

13.06.2017, 9–17h; Eawag Dübendorf
Prof. Jürgen Stohner, ZHAW Wädenswil
Validation of Analytical Procedures – Basics [QS-8E] – NEW
29.08.2017, 9–17h; DAS-Kurse Olten (Angestellte Schweiz), Olten

Prof. Jürgen Stohner, ZHAW Wädenswil
Validieren von Analysenverfahren II, Praktische Beispiele [QS-9]

25.08.2017, 9–17h; Eawag Dübendorf
Dr. Ernst Halder, Lonza AG, Visp

Validation of Analytical Methods II - Practical Examples [QS-9E] – NEW

29.09.2017, 9–17h; DAS-Kurse Olten (Angestellte Schweiz), Olten

Dr. Ernst Halder, Lonza AG, Visp
Referenzmaterialien zur Methodvalidierung und Gerätequalifizierung [QS-14]

30.06.2017, 9–17h; Eawag Dübendorf

Dr. Ernst Halder, Lonza AG, Visp
Validieren von IT-Systemen [QS-15]

24.11.2017, 9–17h; Eawag Dübendorf

Dr. Ernst Halder, Lonza AG, Visp
Effiziente Führung kleiner Gruppen [QS-16]

19.–20.09.2017, 9–17h; Olten

Dominik Studer
Einkauf für Nichteinkäufer – NEU [QS-17]

30.11.–01.12.17, 9–17h; Olten
François Vogel, FHNW, Muttenz



AUSTRIAN CHEMISTRY DAYS 2017

September 25-28, 2017

 UNIVERSITÄT
SALZBURG



SCS at the Austrian Chemistry Days 2017

The Austrian Chemical Society (Gesellschaft Österreichischer Chemiker, GÖCH) invited the SCS to partner for their major annual chemistry event in Salzburg. To strengthen the relationship and to foster the exchange between researchers of both countries, SCS plans to participate with a delegation of about 30 researchers.

The SCS delegation will be led by, *Prof. em. E Peter Kündig*, University of Geneva (Invited lecture on Wed, 27.09.17, 14.20h), *Prof. Maksym Kovalenko*, ETH Zürich, Werner Prize Winner 2016 (Invited lecture on Tue, 26.09.17, 09.00h), *Dr. Alain De Mesmaeker*, Syngenta Crop Protection, Stein, SCS President, *Prof. Christian Bochet*, University of Fribourg, SCS Vice President, *Dr. Hans Peter Lüthi*, ETH Zurich, SCS Board member, *David Spichiger*, SCS Executive Director

We are now calling for PhD/Postdoc applications that will complete the SCS delegation

Travel to Salzburg and back to Switzerland

- Departure Zurich main station: Mon, 25.09.2017, 08:40h > Arrival in Salzburg: 14:03h
- Departure Salzburg: Wed, 27.09.2017, 15:56 > arrival in Zurich: 21:20h

Conference related onsite-costs will be covered by SCS:

- Participation fee for the whole conference
- Welcome party on Mon, 25.09.17
- Conference evening on Thu, 26.09.17
- Accommodation (hotel organized by GÖCH)

If you are interested to be part of the SCS delegation, please send a mail to info@scg.ch, including your abstract. A poster or oral presentation is mandatory for all Swiss participants. The abstract template is available on the SCS website www.scg.ch/goech17

Abstract submission: May 15, 2017

«Chemistry – from Life Sciences to Materials»

Chemical sciences are essential for understanding fundamental processes and developing new technologies. The Austrian Chemistry Days 2017 will focus on the central role that chemistry plays for a variety of fields, ranging from life sciences to functional materials.

The conference will invite scientists from all chemical disciplines to address topic such as synthesis, analytical sciences, catalysis, chemical biology, computational chemistry, electrochemistry, material chemistry, supramolecular chemistry and nanochemistry.

The Austrian Chemistry Days will promote cross-disciplinary discussions that are essential to the emergence of new concepts. Plenary lectures, oral and poster presentations will stimulate interactions between young scientists and internationally recognized experts. A specific program for undergraduate students will be held. In the past, the Austrian Chemistry Days have been organized in cooperation with neighboring chemical societies. Members of these societies are particularly welcome to participate. In 2017, the GÖCH is glad to share the meeting with the Swiss Chemical Society. English will be the official conference language.

www.chemietage.at/