



## Events

Congresses, Symposia, Lectures, Education Courses

### SCS CONFERENCES AND SYMPOSIA 2017

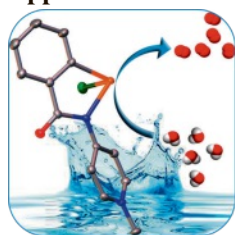
#### DIAC Annual Member Meeting 2017



06.04.2017, Firmenich SA, Genève  
Mitgliederversammlung der Division Industrielle und Angewandte Chemie der SCG und Besichtigung der Produktionsanlagen von Firmenich.  
<http://scg.ch/diac>

#### SCS Spring Meeting 2017

##### «Homogeneous Catalysis: New Paradigms, Wonderful Applications»



21.04.2017, 09.00–17.30 h  
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. As a general rule the Society holds its general assembly during the lunch break.

##### Program

- 09.00 Welcome Coffee (sponsored by MDPI)  
09.30 Opening, Prof. Martin Albrecht, University of Bern  
**Prof. John Hartwig**, Berkeley, USA  
«Selective Functionalization with Small and Large Catalysts»  
10.15 **Prof. David Milstein**, Weizmann, Israel  
«Design and Applications of Sustainable Catalytic Reactions for Synthesis and Energy»  
11.00 Break  
11.30 **Dr. Rocco Paciello**, BASF, Germany  
«Homogeneous Catalysis@BASF»  
12.15 Werner Lecture I: **Prof. Kevin Sivula**, EPF Lausanne  
12.50 Lunch / Commercial Exhibition  
SCS General Assembly  
14.00 Werner Lecture II: **Prof. Christof Sparr**, University of Basel  
«The Stereoselective Arene-Forming Aldol Condensation»  
14.35 **Prof. Morris Bullock**, Pacific Northwestern, USA  
«Design of Molecular Electrocatalysts for the Production and Oxidation of Hydrogen»  
15.20 Break  
15.45 **Prof. Hansjörg Grützmacher**, ETH Zurich  
«Fun with Funny Organophosphorus Compounds»  
16.30 **Prof. Pedro Perez**, Huelva, Spain  
«Coinage metal-based catalysis for methane functionalization»  
17.15 Closing remarks  
Aperitif and networking event

##### Participation Fee

The participation is free of charge for all SCS members and costs CHF 50.00 for non-members (lunch included). As a SCS member you must bring your member card with you.  
To become a SCS member, please register on <http://scg.ch/membership>.

##### Registration

Please register on <http://scg.ch/springmeeting/2017>

##### Contact

Prof. Martin Albrecht, University of Bern or  
David Spichiger, Swiss Chemical Society  
<http://scg.ch/springmeeting/2017>

##### Exhibitors and Sponsors

We thank our sponsors for their support and are looking forward to the exhibition in front of the lecture hall:

- Platform Chemistry, Academy of Natural Sciences (SCNAT)
- Contact group for research matters (BASF, Novartis, Roche, Syngenta)
- ChemPubSoc, Wiley-VCH, Weinheim (D)
- MDPI, Academic Open Access Publishing, Basel
- Agilent Technologies, Basel
- Bruker Optics GmbH, Fällanden
- IGZ Instruments, Zürich
- Labomatic, Allschwil
- Macherey Nagel, Dueren (D)
- Magritec, Aachen (D)
- Waters AG, Baden-Dättwil

#### Freiburger Symposium 2017 by DIAC

##### «Green Chemistry – from Concept to Industrial Reality»



11.05.2017 – 12.05.2017

School of Engineering and Architecture of Fribourg, Building A, Auditorium Edouard Gremaud, Fribourg  
The objective of this biennial conference is to regularly provide our members and other interested chemists working in process development and production with opportunities for professional training and networking.

##### Program 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 Additional contribution (not yet confirmed)
- 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

#### Registration

Please register online on  
<http://scg.ch/freiburger-symposium/2017>.  
Deadline for registration is 23 April, 2017.

#### 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"



April 30 - May 4, 2017, Seehotel Waldstätterhof, Brunnen

This int. 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.

#### Applications to participate

If you are

- an established scientist in Chemistry, in the Life or Material Sciences in an academic institution or other non-profit organization: contact Christian Bochet, [christian.bochet@unifr.ch](mailto:christian.bochet@unifr.ch)
- an interested scientist in industry or another for-profit organization: contact Guido Koch, [guido.koch@novartis.com](mailto:guido.koch@novartis.com)  
[www.stereochemistry-buergenstock.ch](http://www.stereochemistry-buergenstock.ch)

**SCS Fall Meeting 2017****NEW: 1.5 days!**

August 21–22, 2017

University of Bern, vonRoll Areal

Largest, annual, scientific conference in CH: Helvetica session, future leaders on stage, award lectures, parallel sessions and a huge poster session.

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

**GÖCH-Chemietage 2017**

September 25–28, 2017

University of Salzburg, Austria

SCS and its members are cordially invited to join the annual, national chemistry conference in Austria as partner.

Swiss Speakers: Prof. E. Peter Kündig, Prof. Maksym Kovalenko

<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](http://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****01.03.2017.–31.07.2017****Swiss Symposium on Lab Automation 2017**

16.03.2017, Hochschule für Technik, Rapperswil

Die Veranstaltung bietet Fachreferate von namhaften Persönlichkeiten führender Firmen aus dem Life-Science-Sektor und eine Ausstellung aktueller Produkte und Technologien diverser Unternehmen und Institutionen. Das SSLA 2017 widmet sich dem Schwerpunktthema Microfluidics and Liquid Handling

<https://ilt.hsr.ch/index.php?id=9204>

**14. Europäischer Chemielehrer/-innenkongress**

19.04.2017–22.04.2017

Campus der Uni Liechtenstein, Vaduz

Chemie ist untrennbar mit Innovation verbunden und wird massgeblich mitwirken (müssen), unsere Zukunft enkeltauglich zu gestalten. Ein Kongressziel wird sein, die Bedeutung der Chemie für unsere Zukunft aufzuzeigen und durch fundierte Informationen und Anleitungen den Prozess zu unterstützen.

<http://www.vcoe.or.at/verband/kongress.php>

**13th EFMC Short Course on Medicinal Chemistry**

23.04.2017 - 26.04.2017

Oegstgeest (near Leiden), Oegstgeest

«A Matter of Time; A Kinetic Perspective on Drug-Target Interactions»

This intensive course is intended for scientists working in the field, and the presentations will be given by senior scientists from industry and academia. The number of participants is limited to 35, to allow in depth discussion.

<http://www.efmcshortcourses.org>

**Swiss Biotech Day 2017**

04.05.2017–04.05.2017

Congress Center Basel, 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/>

**Course on Medicinal Chemistry**

24.05.–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.

The course also includes an overview of the use of computational chemistry in virtual screening and library design. The lectures are backed up by a number of case studies and tutorial sessions, which involve the participants in using the concepts discussed.

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

**Bernd Giese's Birthday Symposium**

02.06.2017–02.06.2017

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>

**10<sup>th</sup> Edition of the Life Science Forum Basel**

14.06.2017–14.06.2017

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>

## LECTURES

01.03.2017–31.03.2017

## SCS Lectureships

**Prof. Jeremy Sanders, University of Cambridge, UK**

«Thermodynamics and Molecular Recognition: From Dynamic Combinatorial Chemistry to Crystal Polymorphism»

- ETH Zurich, Hönggerberg, HCI J3  
Mon, March 13, 2017, 16.00
- University of Zurich, Lecture Hall Y 03-G-95  
Tue, March 14, 2017, 17.00h
- University of Fribourg, Main auditorium, Chemistry department  
Wed, March 15, 2017, 17.15h
- University of Geneva, Science II, Auditoire A-100  
Thu, March 16, 2017, 16.30h
- University of Neuchâtel  
Fri, March 17, 2017

**Prof. Jonathan Sweedler, University of Illinois, USA**

«The chemical characterization of the brain: from new measurement tools to new neurochemical insights»

- ETH Zurich, Hönggerberg, HCI J3  
Mon, March 20, 2017, 16.00h
  - University of Bern, DCB, Lecture hall EG 16  
Wed, March 22, 2017, 16.30h
  - University of Geneva, Science II, room no. 457  
Fri, March 24, 2017, 10.30h
- «Life on the “D” side: D-amino acid signaling in the brain»
- University of Basel, Kleiner Hörsaal OC  
Tue, March 21, 2017, 17.30h
  - EPF Lausanne, Auditoire BCH 2201  
Thu, March 23, 2017, 17.15h

**Prof. Xiaoguang Lei, Peking University, Beijing, China**

«Tightly Linking Chemistry and Biology through Covalent Bonds»

- University of Geneva, Auditoire A-100  
Tue, March 28, 2017, 16.30h
- Novartis and/or Syngenta – Sarah Sulzer  
Fri, March 31, 2017

«Complex Natural Product as a Driving Force for Discovery in Organic Synthesis and Chemical Biology»

- University of Zurich  
Mon, March 27, 2017
- EPF Lausanne  
Wed, March 29, 2017
- University of Basel, Kleiner Hörsaal OC  
Thu, March 30, 2017, 17.30h

**Lectures at Novartis**

<http://www.novartis.com>



**Prof. Stephan A. Sieber**, TU München, Germany  
15.03.2017, 10.30h, Novartis Pharma AG, Horburg Auditorium

**Lectures University of Basel  
Inorganic and organic chemistry**

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



**Prof. Robert Pascale**, Tulane University, New Orleans, USA  
02.03.2017, 17.30h, Kleiner Hörsaal OC  
«Molecular anvils and twisted ribbons»  
Basler Chemische Gesellschaft

**Prof. Paolo Melchiorre**, Institute of Chemical Research of Catalonia, Tarragona, Spain  
03.03.2017, 10.45h, Kleiner Hörsaal OC  
OC lecture

**Prof. Eugenio Coronado**, University of Valencia, Spain  
24.03.2017, 10.45h, Kleiner Hörsaal OC  
OC lecture

**Prof. Xiaoguang Lei**, Peking University, Beijing, China  
30.03.2017, 17.30h, Kleiner Hörsaal OC  
SCS Lectureship

**Prof. Roger Alberto**, University of Zurich  
31.03.2017, 10.45h, Kleiner Hörsaal OC  
Universität Basel

**Lectures at EPF Lausanne****Institut des Sciences et Ingénierie  
Chimiques**

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



**Prof. Michael Poirier**, Ohio State University, USA  
18.01.2017, 16.00h, Lecture Hall CH G1 495

**Prof. Christian Hackenberger**, FMP Berlin, Germany  
19.01.2017, 11.00h, Lecture Hall CH G1 495

**Prof. Jonathan Sweedler**, University of Illinois, USA  
23.03.2017, 17.15h, DCB, Auditoire BCH 2201  
«Life on the “D” side: D-amino acid signaling in the brain»  
SCS Lectureship

**Lectures at University of Bern**

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

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**Prof. Jonathan Sweedler**, University of Illinois, USA  
22.03.2017, 16.30h, DCB, Lecture hall EG 16  
«The chemical characterization of the brain: from new measurement tools to new neurochemical insights»  
SCS Lectureship

**Ph.D. Brenda L. Bass**, University of Utah, Salt Lake City, USA  
27.03.2017, 16.30 hh, Lecture Hall U113  
«ADARs, Dicer and the dsRNAome»

**Lectures at University of Fribourg**

**Prof. Jeremy Sanders**, University of Cambridge, UK  
15.03.2017, 17.15h, Main auditorium,  
Chemistry department

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## Lectures at Uni Genève

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



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**Prof. Jeremy Sanders**, University of Cambridge, UK  
16.03.2017, 16.30h, Auditoire A-100

**Dr. Irena G. Stará**, Institute of Organic Chemistry and Biochemistry, Prague, Czech Republic  
23.03.2017, 16.30h, Auditoire A-100  
«Helical Aromatics: From Shadow under the Spotlight»

**Prof. Xiaoguang Lei**, Peking University, China  
28.03.2017, 16.30h, Auditoire A-100  
SCS Lectureship

**Prof. Edward Anderson**, University of Oxford, UK  
30.03.2017, 16.30h, Auditoire A-100

**Dr. Peter Limacher**, Karlsruhe Institute of Technology, GER  
02.03.2017, 16.30h, Auditoire 1S081, Sciences II  
«Seniority-Zero Wavefunctions: How to Treat Multi-Reference Problems with Single-Reference Ansätze»

## Lectures at ETH Zurich

**Prof. Wolfgang Heiss**, Friedrich-Alexander Universität Erlangen-Nürnberg, Germany  
07.03.2017, 17.15h, Hörsaal HCI J7, ETH Hönggerberg  
«Quasi-epitaxial metal-halide perovskite ligand shells on PbS nanocrystals»

**Prof. David Tilley**, University of Zurich  
21.03.2017, 17.15h, Hörsaal HCI J7, ETH Hönggerberg  
«Copper-based Materials for Photoelectrochemical Water Splitting»  
LAC Lecture Series

**Dr. Klaus Eyer**, ESPCI Paris, France  
15.03.2017, 17.15h, Hörsaal HCI J4, ETH Hönggerberg  
«High-throughput deep phenotyping exemplified by the analysis of IgG secreting cells»  
Seminars on Drug Discovery and Development

**Prof. Christel Bergström**, Uppsala University, Sweden  
29.03.2017, 17.15 hh, Hörsaal HCI J4, ETH Hönggerberg  
«A computational toolkit to explore formulation strategies for poorly soluble drugs»  
Seminars on Drug Discovery and Development

## 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

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

04.–05.04.2017, 9–17h; Eawag Dübendorf

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

**Einführung in die HPLC [TR-9]**

12.–13.06.2017, 9–17h

Eawag Dübendorf; Dr. Roland Looser

**Introduction to HPLC NEW [TR-9E]**

24.–25.10.2017, 9–17h

Olten; Dr. Roland Looser

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**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.–04.11.2017, 9–17h; Eawag Dübendorf  
Prof. Dr. Michael Oehme, Inst. für Angewandte Analytische Chemie, Appenzell

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

19.04.2017, 9–17h; Eawag Dübendorf  
Dr. Martin Biniossek, Institut für Molekulare Medizin und Zellforschung, Universität Freiburg, Deutschland

**HPLC-Troubleshooting - Ergänzungskurs [TR-11]**

02.–03.11.2017, 9–17h; Eawag Dübendorf  
Heinrich Müller, Covanis GmbH, Buswil

**HPLC-Troubleshooting NEW [TR-11E]**

14.–15.06.2017, 9–17h; Olten  
Heinrich Müller, Covanis GmbH, Buswil

**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

**Präparative Chromatographie [TR-15]**

25.04.2017, 9–17h; HES-SO Fribourg  
Prof. Roger Marti, Institut Chem. Techn. Hochschule für Technik und Architektur, Freiburg (Schweiz), 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

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

14.11.2017, 9–17h; Zofingen  
Patrick Bruggmann, Metrohm 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

**Interpretation von Massenspektren [SP-8]**

24.04.2017, 9–17h; Eawag Dübendorf  
Prof. Ernö Pretsch, ETH Zürich, Dr. Marc Suter, Eawag, Dübendorf

**Interpretation of mass spectra NEW [SP-8E]**

27.04.2017, 9–17h; Olten  
Prof. Ernö Pretsch, ETH Zürich, Dr. Marc Suter, Eawag, Dübendorf

**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]**

21.10.2017, 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-12]**

23.10.2017, 08.30–17h; Basel  
Raimund Brauner, Novartis Pharma AG, 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]**

27.02.2017, 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]**

28.02.2017, 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  
Kjeldahl, Dumas und NIR – Grundlagen und Anwendungen der

**Stickstoff- und Proteinbestimmung [AA-9]**

29.03.2017, 9–17h; Flawil;  
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  
**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  
**Quantitative LC-MS (MS) in biologischen Proben NEU [LS-6]**

31.03.2017, 9–17h; Dübendorf  
Prof. Gérard Hopfgartner, Universität Genf

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

06.04.2017, 9–17h; ETH Zürich  
Dr. Oliver Renn, Informationszentrum Chemie/Biologie/Pharmazie ETH Zürich

**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]**

3.10.2017, 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]**

**Validieren von Analysenverfahren I, Grundlagen [QS-8]**

13.06.2017, 9–17h; Eawag Dübendorf  
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  
**Referenzmaterialien zur Methodvalidierung und Gerätequalifizierung [QS-14]**

**Validieren von IT-Systemen [QS-15]**

30.06.2017, 9–17h; Eawag Dübendorf  
Dr. Ernst Halder, Lonza AG, Visp  
**Effiziente Führung kleiner Gruppen [QS-16]**

**Einkauf für Nichteinkäufer – NEU [QS-17]**

19.–20.09.2017, 9–17h; Olten  
Dominik Studer  
30.11.–01.12.17, 9–17h; Olten  
François Vogel, FHNW, Muttentz

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**Kontakt**

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