



## Events

Congresses, Symposia, Lectures, Education Courses

### SCS CONFERENCES AND SYMPOSIA

01.03.–30.08.2016



#### SCS Spring Meeting 2016

22.04.2016, 09.30-17.00  
University of Zürich, Irchel Campus  
«Green Chemistry»

The Swiss Chemical Society Spring Meeting is a one day symposium and provides a high quality program with national and international speakers.

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

#### Registration

Free admission. However, a registration is necessary via the website.

#### Program

- 09.30 Welcome coffee, registration  
10.00 Opening, welcome  
Prof. Roger Alberto, Prof. Greta Patzke  
10.05 **Prof. Martyn Poliakoff**, University of Nottingham  
«Towards Greener Photochemistry»  
11.00 **Prof. Paul T. Anastas**, Yale University  
«Green Chemistry: The Chemistry of Sustainability»  
12.00 Ceremony and lecture Werner Prize 2016  
**Prof. Maksym Kovalenko**, ETH Zürich  
«Nano- and single-crystals of lead halide perovskites:  
from bright light emission to hard radiation detection»  
12.50 Lunch / Commercial Exhibition  
13.30 SCS General Assembly 2015  
14.00 **Dr. Thomas Güttinger**, Process Development Special-  
ty Chemicals at BASF  
«Green Process Development @ BASF: A Short Walk  
through the Basic and Specialty Chemicals Landscape»  
15.00 **Prof. Walter Leitner**, RWTH Aachen  
«Carbon Dioxide as Raw Material for the Energetic and  
Chemical Value Chain: Challenges and Opportunities  
for Catalysis»  
16.00 **Prof. Paul J. Dyson**, EPF Lausanne  
«Enhancing sustainable catalytic processes with ionic  
liquids»  
17.00 Closing remarks  
Apéro and networking event

#### Conference Sponsors

Contact Group for research matters (KGF)  
Swiss Academy of Natural Sciences (SCNAT)  
Swiss Academy of Technical Sciences (SATW)

#### Commercial Exhibitors

Advion, Bruker, Büchi Gals Uster, CAS, IGZ Instruments,  
Labomatic, Magritec, Marcherey-Nagel, MDPI, Merck, Sig-  
ma-Aldrich, ThalesNano, Waters.



#### Werksbesichtigung bei BASF Kaisten (inkl. DIAC Mitgliederversammlung)

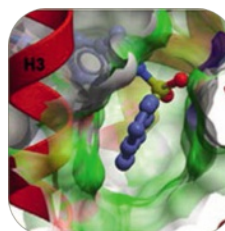
07.04.2016, 09.30-16.00  
BASF Schweiz AG, Hardmattstrasse  
434, 5082, Kaisten  
Jahresanlass der Division Industrielle  
& Angewandte Chemie der SCG

Vorstellung und Besichtigung des Werks von BASF Schweiz AG  
in Kaisten sowie DIAC-Mitgliederversammlung am Vormittag.  
<http://scg.ch/diac>

Nebst dem Firmenporträt, vorgestellt von **Kristian Hall**,  
Werkleiter BASF, wird Dr. **Andreas Brodthagen** von der BASF  
Forschung ein Referat halten mit folgendem Thema:

«Smart Scale Production» (modulare Produktionskonzepte)  
Die Besichtigung der Metilox Produktion und Verpackung am  
Nachmittag wird uns exklusive Einblicke in eine chemische Pro-  
duktionsanlage erlauben.

Kontakt: Bernhard Urwyler, President DIAC,  
[bernhard.urwyler@syngenta.com](mailto:bernhard.urwyler@syngenta.com)



#### MCCB Basel Symposium 2016

24.05. 2016, 13.30–17.45  
University of Basel, Chemistry Depart-  
ment  
«Macrocycles in Drug- and Agrochem-  
ical Discovery»

This free event is gathering five global-  
ly renowned international experts in the  
field that will showcase the importance

of this topic in drug discovery.

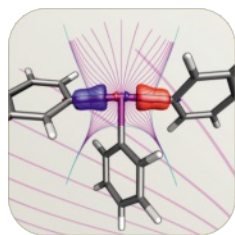
<http://scg.ch/dmccb-basel-symposium/2016>

#### Program

- 13.30 Introduction  
13.35 **Adrian Whitty**, Boston University,  
«How proteins bind macrocycles»  
14.20 **Jeremy Duvall**, Ensemble Therapeutics Corp.  
«Discovery and development of highly selective and  
orally bioavailable macrocyclic IDO-1 inhibitors»  
15.05 Coffee Break  
15.30 **Alexander Dömling**, University of Groningen  
«Synthetic macrocycles for protein protein interactions  
using multi-component reactions chemistry»  
16.15 **Andrei Yudin**, University of Toronto and Encycle  
«Macrocyclization strategies based on amphoteric mol-  
ecules»  
17.00 **Steve Smith**, Syngenta  
«Macrocycles as inspiration for Agrochemical Discov-  
ery»  
17.45 Closing remark

#### Conference Sponsors

Actelion, Novartis, Polyphor, Roche, Syngenta



### SCS Fall Meeting 2016

15.09.2016, 09.00–18.30

University of Zurich, Department of Chemistry, Zurich

The Fall Meeting represents a major event for chemical research in Switzerland. It is the platform for the Paracelsus and KGF Industrial Science Award Lectures, and offers an opportunity specifically for young scientists to present their research. The event also hosts a Commercial Exhibition.

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

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



### ILMAC 2016

20.09.2016 – 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>

## Non-SCS Conferences in Switzerland

01.04.2016 – 30.09.2016

### 36<sup>th</sup> International Conference on Environment and Natural Science (ICENS)

04.04.2016

Hotel Allegra, Kloten

The idea of the conference is for the scientists, scholars, engineers and students from the Universities all around the world and the industry to present ongoing research activities, and hence to foster research relations between the Universities and the industry. This conference provides opportunities for the delegates to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration.

<http://iserd.co/Conference/Zurich-Switzerland/ICENS/>

### 51<sup>th</sup> EuCheMS Conference on Stereochemistry (Bürgenstock Conference) 2016

01.05.2016 – 06.05.2016

Seehotel Waldstätterhof Brunnen, Brunnen

The conference will again be interdisciplinary, covering many areas of chemistry in its main body, but allowing also for relevant highlights from neighboring disciplines, with due focus on structural and mechanistic aspects in all contributions.

<http://www.stereochemistry-buergenstock.ch/>

### Life Science Forum Basel, 9th Edition

20.06.2016 – 20.06.2016

Pharmazentrum/Biozentrum of the University of Basel, Basel  
Heraclitus very aptly stated that "The only thing that is constant is change".

<http://www.lifescienceforumbasel.org>

### 5<sup>th</sup> 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 Chi-ba (2014).

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

### 12<sup>th</sup> European Solid Fuel Cell and Solid Electrolysis Forum

05.07.2016 – 08.07.2016

Kultur- und Kongresszentrum, Lucerne

This even 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.

### 30<sup>th</sup> 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

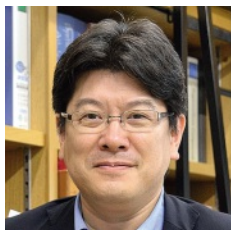
You learn about latest applications of in vitro plant culture technologies in pharma, food and cosmetics. High-ranking lecturers speak about methodologies in in vitro plant cultivation, strategies for controlling plant secondary metabolite content in medicinal and aromatic plants; hardware, infrastructure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

control methods as well as GMP and non-GMP applications for plant biotechnology.

<http://www.biotech2016.ch>

## SCS LECTURESHIPS

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



**Prof. Michinori Suginome,**  
*Kyoto University (Japan)*

Host: Clément Mazet, University of Geneva

**Tour date: 09.–16. May 2016**

“In the Suginome group, a variety of research projects are pursued on the basis of synthetic organic chemistry, organometallic chemistry, main group

metal chemistry, transition metal chemistry, polymer chemistry, asymmetric synthesis, etc. We always try to pursue innovative molecular and reaction design for establishing new synthetic methods, new molecular functions, new concept, new phenomena, new principles, etc.”



**Prof. Dr. Michael Gottfried,**  
*University of Marburg (Germany)*

Host: Karl-Heinz Ernst,  
Empa/University of Zurich

**Tour dates: 6.–10. June 2016**

“In the Gottfried group, we study chemical reactions at surfaces and interfaces using a combination of spectroscopic and microscopic techniques. Our focus

is on complex molecular model systems, such as porphyrins and phthalocyanines, which undergo a variety of organometallic and organic reactions on surfaces. Other fields of research include the on-surface synthesis on large organic molecules and polymers as well as reactions at buried metal-organic interfaces.”



**Prof. Justin du Bois,**  
*Stanford University, California (USA)*

Host: Olivier Baudoin, University of Basel

**Tour date: 14.–21. June 2016**

“Research in my group is based broadly in methods development and chemical synthesis. Our early efforts have concentrated on the invention of new atom and

group transfer-type reaction processes. The application of such methods to problems in natural product synthesis and chemical biology offers unique challenges in reaction design, and serves as the underlying motivation for our research. As one of our overarching goals, we wish to devise molecular systems for selective C-H amination and hydroxylation that integrate concepts in catalysis with those in molecular recognition.”

## LECTURES

**01.04.–30.04.2016**

### Lectures at Novartis

<http://www.novartis.com>



**Prof. Regan J. Thomson,**  
*Northwestern University, Evanston, USA*

20.04.2016, 10.30h

Novartis Pharma AG, Horburg Auditorium

«Methods and Strategies for Natural Product Synthesis»

### Lectures at Syngenta

<http://www.syngenta.com>



**Prof. Dr. Reinhard Brückner,**  
*University of Freiburg, Germany*

05.04.2016, 10.00h

Auditorium WST 810.E.75

«Title to be announced»

### Lectures University of Basel Anorganische und Organische Chemie

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



**Dr. Tobias J. Erb,**  
*MPI Marburg, Germany*

04.04.2016, 10.45h

Kleiner Hörsaal Organische Chemie

«We do it (our) pathway: Bringing inorganic carbon into life with synthetic (bio)chemistry»

**Dr. Andreas Walther,**  
*RWTH Aachen University, Deutschland*

08.04.2016, 10.45h

Kleiner Hörsaal, Organische Chemie

«From static to dynamic self-assembled bioinspired materials»

**Prof. Dr. Ruben Martin,**  
*Institute of Chemical Research of Catalonia, ICIQ, Tarragona, Spanien*

15.04.2016, 10.45h

Kleiner Hörsaal, Organische Chemie

«Ni-catalyzed reductive carboxylation techniques and C-O cleavage»

**Prof. Dr. Regan Thomson,**  
*Northwestern University, Evanston, IL, USA*

21.04.2016, 17.30h

Kleiner Hörsaal, Organische Chemie

«Methods and strategies for natural product synthesis»

**Prof. Dr. Yu Zhao,**  
*National University of Singapore, Singapore*

29.04.2016, 10.45h

Kleiner Hörsaal Organische Chemie

«Catalyst and methodology development directed towards more efficient stereoselective synthesis»

### Pharmazeutische Wissenschaften

<http://pharma.unibas.ch>

**Dr. Anne Imberty,**  
*CERMAV-CNRS (Centre de Recherches sur les Macromolécules Végétales), Grenoble, France*

06.04.2016, 17.00h

Lecture Hall 1, Pharmazentrum

«Lectines from bacteria and fungi: therapeutical targets and research tools»

Seminar: Drug Discovery & Development

**Apl. Prof. Dr. Axel Helmstädter,**  
*Institute of Pharmaceutical Chemistry, Goethe University, Frankfurt am Main, Germany*

13.04.2016, 17.00h

Lecture Hall 1, Pharmazentrum

«The legacy of 19<sup>th</sup> century botanists: potential impact on phytopharmacological research»

Seminar: Drug Discovery & Development

**Prof. Dr. med. Gerd A. Kullak-Ublick,**  
*Klinik für Klinische Pharmakologie und Toxikologie, Universitätsspital Zürich*

20.04.2016, 17.00h

Lecture Hall 1, Pharmazentrum

«New biomarkers for the diagnosis and management of drug-induced liver injury»

Seminar: Drug Discovery & Development

**Prof. Dr. med. Dr. h.c. mult. Harald zur Hausen, Deutsches Krebsforschungszentrum, Heidelberg, Germany**

27.04.2016, 17.00h

Lecture Hall 1, Pharmazentrum

«Bovine Meat and Milk as Risk Factors for Specific Cancers and Neurodegenerative Diseases»

**Uni Basel, Physikalische Chemie**

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

**Prof. Dr. D. Marx, Ruhr-Universität Bochum, Germany**

20.04.2016, 16.30h

Physikalische Chemie, Departement Chemie, Universität Basel, Kleiner Hörsaal, Raum 4.04., 2. Stock

«Understanding Large-Amplitude Motion in the Gas Phase, in Aqueous Solutions, and in Superfluid Helium»

**Prof. Dr. C. Vega, University Complutense of Madrid, Spain**

27.04.2016, 16.30h

Physikalische Chemie, Departement Chemie, Universität Basel, Kleiner Hörsaal, Raum 4.04., 2. Stock

«A Personal View on the Modelling of Water in Computer Simulations»

**Lectures University of Geneva**

**Chimie organique**

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

**Dr Gilles Guichard, Institut européen de chimie et biologie, Université de Bordeaux, Bordeaux-Pessac, France**

07.04.2016, 16.30h

Auditoire A-100

«Folder Higher-Order Structures: Bioinspired Architectures on the Nanometer Scale by Capitalizing on Folding and Sequence Control»

**Prof. Simon Webb, University of Manchester, UK**

14.04.2016, 16.30h

Auditoire A-100

«Synthetic Switchable Membrane-Bound Receptors»

**Prof. Dr. Tom N. Grossmann, VU University Amsterdam, The Netherlands**

21.04.2016, 16.30h

Auditoire A-100

«Peptide-Inspired Ligands for the Modulation of Biological Functions»

**Prof. Valery V. Fokin, The Bridge@USC and Loker Hydrocarbon Research Institute, University of Southern California, USA**

29.04.2016, 16.30h

Auditoire A-100

«Title to be announced»

**Lectures Société Chimique de Genève**

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

Prof. Kaori Sugihara

18.04.2016, 17.30h

Université de Genève – Bâtiment Sciences II Auditoire A. Pictet A100

«Electrical and mechanical properties of model cell membranes  
Conférences de la Société Chimique de Genève»



**Lectures University of Zurich  
Department of Chemistry**

<http://www.chem.uzh.ch/en/events>



**Prof. Dr. Leo Gross, IBM Zürich**

05.04.2016, 17.00h

Y15-G-40

«Atomic force microscopy for molecular structure elucidation»

**Prof. Dr. Joern Piel, ETH Zürich**

12.04.2016, 17.00h

Y15-G-40

«Uncultivated bacteria: a rich drug discovery resource»

**Prof. Dr. Donna Blackmond, The Scripps Research Institute, USA**

14.04.2016, 17.00h

Y03-G-95

«Models for the Origin of Biological Mochirality»

**Prof. Dr. Phil Bevilacqua, Pennsylvania State University, USA**

19.04.2016, 17.00h

Y15-G-40

«Combining Theory with Experiments to Obtain Deeper Insight Into Ribozyme Mechanism: pKa Shifting, Inverse Thio Effects, and Transition States»

**Prof. Dr. Gerhard Hummer, Max-Planck-Institute Frankfurt, Germany**

26.04.2016, 17.00h

Y15-G-40

«Molecular simulation of protein dynamics and function»

**Lectures ETH Zurich  
Chemie- und Bioingenieurwissenschaften (ICB)**

<http://www.sust-chem.ethz.ch>

**ETH zürich**

**Eli Goldberg, ETH Zürich**

15.04.2016, 10.30h

Hönggerberg, HCI D2

«Understanding Engineered Nanomaterial Transport in Soil: Reconciling Weaknesses in Traditional Advection Dispersion Modeling with Machine Learning»

**Prof. Michael Mullins, Michigan Technology University, USA**

22.04.2016, 10.30h

Hönggerberg, HCI D2

«Experimental Kinetics and Modeling of the Catalytic Hydro-treatment of Biomass Derived Oils and Model Compounds»  
Safety and Environmental Technology of Chemical Processes and Products

**Dr. Lena Vierke, German Federal Environment Agency (UBA), Germany**

29.04.2016, 10.30h

Hönggerberg, HCI D2

«Transfer of Scientific Data into Regulation: Per- and Polyfluoroalkyl Substances (PFASs) as an Example»  
Safety and Environmental Technology of Chemical Processes and Products

**Laboratorium für Physikalische Chemie**

<https://www.chab.ethz.ch/forschung/institute-und-laboratorien/LPC/lpc-veranstaltungen/kolloquien>

**Dr. Enrico Ravera, University of Florence, Italy**

05.04.2016, 16.45h

ETH Zürich, Hönggerberg, HCI J 3

«Winning new samples to solid state NMR»

PC-Kolloquium

**Minisymposium PhD Students, ETH Zürich**

19.04.2016, 16.45h

ETH Zürich, Hönggerberg, HCI J 3

16.45h *Martin Huppert*, «Actively-stabilized attosecond beam-line for the determination of relative photoionization delays in atoms and molecules»17.45h *Inga Jordan*, «Attosecond time-resolved photoelectron spectroscopy of liquids»

PC-Kolloquium

**Prof. Dr. Thomas Leisner, Karlsruhe Institute of Technology, Karlsruhe, Germany**

26.04.2016, 16.45h

ETH Zürich, Hönggerberg, HCI J 3

«The secret lives of clouds: Laboratory studies on cloud micro-physics»

PC-Kolloquium

**EDUCATION COURSES**

Organized by the Division of Analytical Sciences (DAS)

**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

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

24.05.–25.05.2016, 9–17h; Brechbühler AG, Schlieren, Schlieren

Maurus Biedermann, Kantonales Laboratorium Zürich

**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

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

14.06.2016, 9–17h; Metrohm Schweiz AG, Zofingen

Patrick Bruggmann, Metrohm Schweiz AG, Zofingen

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

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

François Vogel, FHNW, Muttenz

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

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

Heinrich Müller, Covanis GmbH, Buswil

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

13.04.2016, 9–17h; Eawag, Dübendorf

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

**Enantioselektive chromatographische Trennmethode[n] [TR-14]**

07.04.2016, 9–17h; Eawag, Dübendorf

Dr. Markus Juza, Corden Pharma Switzerland LLC, Liestal

**Präparative Chromatographie [TR-15]**

26.04.2016, 9–17h; Hochschule für Technik und Architektur, Freiburg (Schweiz), Freiburg

Prof. Roger Marti, Hochschule für Technik und Architektur, Freiburg, Dr. Markus Juza, Corden Pharma Switzerland LLC, Liestal

**Detektoren in der HPLC [TR-16]**

01.06.2016, 9–12h; Eawag, Dübendorf

Dr. Christian Mink, Syngenta Crop Production AG, Münchwilen

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

08.06.2016, 9–17h; Eawag, Dübendorf

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

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

01.06.2016, 9–17h; Eawag, Dübendorf

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

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

08.11.2016, 9–17h; Eawag, Dübendorf

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

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

06.09.2016, 9–17h; Eawag, Dübendorf

Dr. Peter Lienemann, ZHAW, Wädenswil

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

13.09.2016, 9–17h; Eawag, Dübendorf

Dr. Peter Lienemann, ZHAW, Wädenswil

**Röntgenfluoreszenz in der praktischen Anwendung [SP-3]**

16.11.2016, 9–17h; Eawag, Dübendorf

Dr. Fredy Rüttimann, Terrachem GmbH, Mannheim, Deutschland

**Einführung in die “Inductively Coupled Plasma” (ICP)-Massenspektrometrie [SP-4]**

05.04.–06.04.2016, 9–17h; ETH Hönggerberg, Zürich

Dr. Bodo Hattendorf, Dr. Gunnar Schwarz, Prof. Dr. Detlef Günther, ETH Zürich

**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

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

21.04.–22.04.2016, 9–17h; Portmann Instruments AG,  
Biel-Benken BL  
Hans-Jörg Grether, Peter Stark, 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 <sup>1</sup>H- und <sup>13</sup>C-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

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

09.06.2016, 9–17h; Methrohm, Zofingen  
Patrick Dürst, Metrohm Schweiz AG, Zofingen

**Karl Fischer Titration [AA-2]**

07.06.2016, 9–17h; Methrohm, Zofingen  
Patrick Dürst, Metrohm Schweiz AG, Zofingen

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

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

**Grundlagen der Festphasenextraktion (SPE) [AA-8]**

23.06.2016, 9–17h; Eawag, Dübendorf  
Dr. Ute Beyer, Restek GmbH, Bad Homburg, Deutschland

**Kjeldahl, Dumas und NIR – Grundlagen und Anwendungen der Proteinbestimmung [AA-9]**

18.05.2016, 9–16h; Büchi Labortechnik AG, Flawil  
Dr. Daniel Meier, BÜCHI Labortechnik AG, Flawil

**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]**

10.05.–11.05.2016, 9–17h; Olten  
Dr. Roland Looser

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

08.04.2016, 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 Reid-  
bach, Wädenswil  
Prof. Dr. Vera Luginbühl, ZHAW, Wädenswil

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

13.06.–15.06.2016, 9h–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, Oster-  
mundigen

**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]**

14.06.2016, 9–17h; Eawag, Dübendorf  
Prof. Jürgen Stohner, ZHAW, Wädenswil

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

30.06.2016, 9–17h; Eawag, Dübendorf  
Dr. Ernst Halder, Lonza AG, Visp

**GMP-Praxis im Labor [QS-10]**

24.06.2016, 9–17h; Eawag, Dübendorf  
Dr. Ralph Nussbaum, Zentrum für Biomedizintechnik,  
Aachen, Deutschland

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

20.06.2016, 9–17h; Eawag, Dübendorf  
Wally W. Hartmann, Dr. Christoph Siethoff, Swiss  
BioQuant AG, Reinach, Schweiz

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

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

**Referenzmaterialien zur Methodenvalidierung und Gerätequalifizierung [QS-14]**

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