



SCG
Schweizerische
Chemische
Gesellschaft

SSC
Société
Suisse
de Chimie

SCS
Swiss
Chemical
Society

Annual Report 2013

Published in CHIMIA Volume 68, No 1-2/2014

Editorial

In 2013 the main focus of the SCS board and its members was to align our offer to the revised strategy that was approved in 2012 and to extend our activities into new areas. New communication channels and optimized business processes helped to reach our goals. With pleasure we can look back on a very successful year.

We notably highlight the following activities and offers that were implemented over the past twelve months:

- First awarding of the KGF-SCS Industrial Science Awards as a result of a closer collaboration between the SCS and KGF (Kontaktgruppe für Forschungsfragen) and the Swiss chemical and pharma industry as a whole, as also shown by the joint one-day SCS/Syngenta symposium on 'Frontiers in Fluorine Chemistry'.
- New concept for the SCS activities at the ILMAC and a closer collaboration with the Universities of Applied Sciences.
- Launch of the national technology platform on sustainable chemistry, NTP SusChem Switzerland and link to the European SusChem organization.
- Acquisition of 5% ownership of 'Chemistry a European Journal' to actively participate in the ChemPubSoc journal consortium.
- New concept of the Freiburger Symposium that led to the desired turnaround in participation.

As our ongoing activities we highlight just a few here and refer to the reports of the Divisions on page 4ff.

- Organization and/or sponsorship of public and scientific meetings and events.
- Presentation of eleven SCS awards to scientists.
- Publication of 10 CHIMIA issues.
- Organization of more than fifty educational courses (Division of Analytical Sciences).
- Collaboration with the Platform Chemistry of SCNAT, Swiss Science Industries (SGCI), and the European Association for Chemical and Molecular Sciences (EuCheMS).

In 2014 we will continue our efforts to extend our offers and to further improve our support for the chemical community. Many thanks to all who enthusiastically helped us to realize SCS projects and to the industry and organizations that provided sponsorship.

Prof. E. Peter Kündig
President

David Spichiger
Executive Director

SCG Events 2013 at a Glance

David Spichiger

| | |
|-------------|---|
| 11.-13. Jan | 11th Swiss Snow Symposium of SYCA, Saas Fee |
| 21. Mar | DIAC General Assembly, Novartis Basel |
| 19. Apr | SCS Spring Meeting: «Opportunities and Challenges in Catalysis», PSI Villigen |
| 25.-26. Apr | 11. Freiburger Symposium of DIAC: «From Reaction to Technology Trends in Chemical Production», Freiburg |
| 05. Sep | Award Ceremonies and VIP-Dinner of the SCS Fall Meeting, Lausanne |
| 06. Sep | SCS Fall Meeting and General Assembly, EPFL |
| 24.-27. Sep | ILMAC 2013. Messe Schweiz, Basel |
| 24. Oct | SCS Syngenta Symposium: «Frontiers in Fluorine Chemistry», Stein |
| 19. Nov | SusChem Conference Day at Ecochem, Basel |
| 29.-30. Nov | CHanalysis, Beatenberg |

SCS Award Winners 2013

David Spichiger

The Swiss Chemical Society awarded ten individuals and one group for their outstanding contributions. A total sum of CHF 83'000 as well as medals and award certificates were given to the prizewinners.

Werner Prize

CHF 10,000 and medal in bronze; awarded to promising young scientists for outstanding independent chemical research.



Prof. Cristina Nevado, University of Zurich, for the development of original Au(I)/Au(III) catalyzed reactions, the investigation of underlying mechanisms and elegant applications in natural product synthesis.



Prof. Clément Mazet, University of Geneva, for his achievements in asymmetric catalysis of challenging reactions, notably the iridium catalyzed isomerization of allylic alcohols to chiral aldehydes and the alpha-arylation of aldehydes.

Ceremonies and award lectures at the SCS Spring Meeting at the Paul Scherrer Institute in Villigen, Apr 19, 2013

Grammaticakis-Neumann Prize

CHF 5,000; awarded to a promising young scientist for outstanding independent research in photochemistry, photophysics or molecular photobiology.



Prof. Uwe Pischel, University of Huelva, for his important contribution to the development of photoactive molecular logic gates.

Ceremony and lecture at the Fall Meeting in Lausanne, Sep 6, 2013

Sandmeyer Award

CHF 20,000 for groups; awarded to a group for outstanding work in industrial or applied chemistry.



The award is given to the joint research team from Clariant R&D and the CNRS-University of Strassbourg,

Dr. Pascal Steffanut, Clariant,
Dr. Ralf Duempelmann, Clariant,
Dr. Samuel Dagorne, CNRS,
Dr. Stéphane Bellemin, CNRS,

for their work on N-heterocyclic carbene based zirconium complexes for use in ring opening polymerization.

Ceremony and lecture at the SCS Fall Meeting in Lausanne, Sep 6, 2014.

KGF-SCS Distinguished Industrial Investigator Award

CHF 15'000; awarded to honor senior R&D scientists in Switzerland for their lifetime achievements.



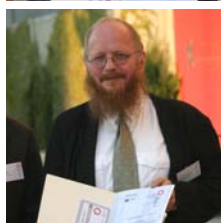
Prof. Klaus Müller, F. Hoffmann-La Roche AG, Basel and ETH Zürich, for pioneering a number of important and crucial scientific initiatives both in academia and industry and most importantly for his early pioneering in ensuring quality academic-industry relations.

KGF-SCS Senior Industrial Investigator Award

CHF 10'000; awarded to honor very successful and established investigators in Switzerland with outstanding achievements over many years.



Dr. Ian Lewis, Novartis Institutes of Biomedical Research, Basel, for the design and synthesis of SOM230/Pasireotide (Signifor®), as the first pituitary directed medical therapy for Cushing's disease approved by EMEA and FDA in 2012.



PD Dr. Werner Bonrath, DSM Nutritional Products, Basel, for his contributions in the fields of Vitamins, Carotenoids and Flavor and Fragrances, always related to the application of new catalytic processes which can be industrialized.

KGF-SCS Industrial Investigator Award

CHF 7'000; awarded to honor successful investigators with outstanding achievements.



Dr. Mark Rogers-Evans, F. Hoffmann-La Roche, Basel for his work in medicinal chemistry, particularly for his studies of small heterocyclic ring systems such as Oxetanes and Azaspiro[3.4]octanes.

Ceremonies and lectures at the SCS Fall Meeting in Lausanne, Sep 6, 2013.

Balmer Prize

CHF 2,000 for individuals and CHF 2,000 for the school's chemistry department; awarded to a teacher working in Switzerland at high school level for innovation in chemistry teaching.



Dr. Thomas Berset, Kantonsschule Musegg Luzern, für sein Projekt «Primarschulchemie», in dem Gymnasiasten/innen chemische Experimente für Primarschüler/innen in innovativer und nachhaltiger Weise anleiten und erklären»

Ceremony and lecture at the „Fortbildungskurs für Gymnasiallehrpersonen“, University of Zurich, Sep 1, 2013

Dr. Max Lüthi Award

CHF 1,000 and medal in bronze; presented for an outstanding diploma thesis in Chemistry conducted at a Swiss University of Applied Sciences.



Herr Peter Elmiger, Zürcher Hochschule für Angewandte Wissenschaften ZHAW, in Anerkennung für seine FH-Diplomarbeit «Design und Synthese von neuen MMP-Inhibitoren».

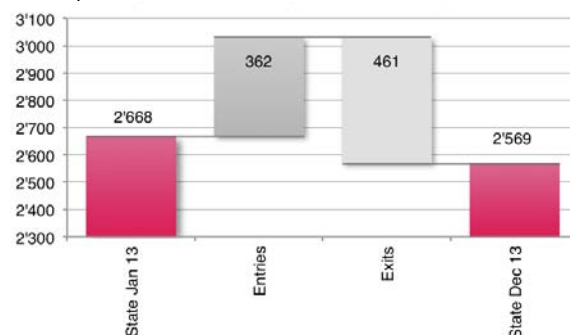


M. Christophe Laporte, Ecole d'ingénieurs et d'architectes de Fribourg, en reconnaissance de son projet de fin d'études «Quantification de traces d'ammonium par fluorimétrie et automatisation de l'analyse sur FIA»

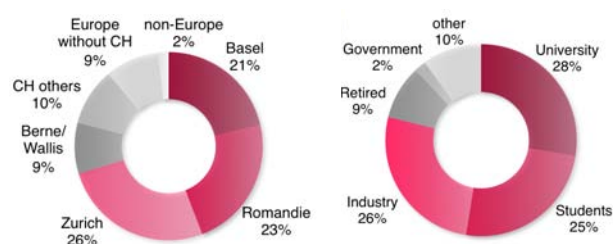
Ceremony and lecture at ILMAC in Basel, Sep 27, 2013.

Member Statistics

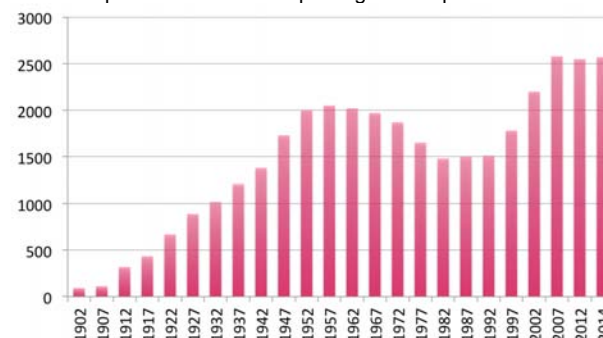
Development of members 2013: -99



Members per December 2013 per region and profession



Members per December 2013 per region and profession



Executive Board and Board of Directors

David Spichiger

Executive Board

- Prof. E. Peter Kündig, University of Geneva
SCS President
- Dr. Alain De Mesmaeker, Syngenta Crop Protection
SCS Vice President
- Dr Roland Kunz, University of Zurich
President CHIMIA
- Dr Hans Peter Lüthi, ETH Zurich
SCS Treasurer
- David Spichiger, Swiss Chemical Society
SCS Executive Director






SCS Board (additionally to the Executive Board members)

- Dr. Yves Auberson, Novartis AG
President Division of Medicinal Chemistry (new)
- Prof. Christophe Copéret, ETH Zurich
Responsible for national and international relations
- Dr. MER Sandrine Gerber, EPF Lausanne
Member of the board
- Prof. Christian Hinderling, ZHAW
President Division of Polymers, Colloids & Interfaces (new)
- Prof. Gérard Hopfgartner, University of Geneva
President Division of Analytical Sciences
- Dr. Cédric Invernizzi, LABOR SPIEZ
Member of the board
- Dr Walter Jucker, DSM Nutritional Products AG
President Division of Industrial & Applied Chemistry
- Prof. Philippe Renaud, University of Bern
President Division of Fundamental Research
- Dr Martin Vollmer, Clariant International Ltd
Member of the board

Prof. Karl-Heinz Altmann, ETH Zurich and Dr Bettina Steinmann, 3D Systems SA stepped down from they mandates in the SCS board. We would like to thank them very much for their contributions to the success of the society and their divisions.


Supporters of the Swiss Chemical Society and the SCS Foundation


With sincere thanks we would like to honor our main sponsors for their generous support. Thanks also go to all our divisional event sponsors that supported the SCS during the year.

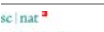

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|---|---|
|      | <p>KGF, Kontaktgruppe für Forschungsfragen</p> <ul style="list-style-type: none"> ▪ Gold Supporter of the SCS ▪ Support of the award program (Paracelsus Prize, Werner Prize, Balmer Prize) ▪ Support of divisional Events |
|---|---|

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|---|---|
|  | <p>Lonza</p> <ul style="list-style-type: none"> ▪ Silver Supporter of the SCS Foundation |
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|  | <p>Actelion</p> <ul style="list-style-type: none"> ▪ Bronze Supporter of the SCS Foundation |
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|---|---|
|  | <p>Metrohm Stiftung</p> <ul style="list-style-type: none"> ▪ Sponsor Best Oral Presentations at the Fall Meeting |
|---|---|

- | | |
|---|---|
|  | <p>DSM Nutritional Products SA</p> <ul style="list-style-type: none"> ▪ Sponsor Best Posters at the Fall Meeting |
|---|---|

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|   | <p>Support Organizations and project sponsors</p> |
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Society's activities and Head Office

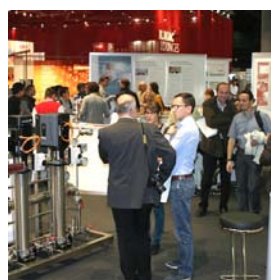
www.scg.ch

David Spichiger

Events and Activities

ILMAC 2013, Basel

At its 19th edition, which was staged at Messe Basel from 24 to 27 September 2013, ILMAC, the trade fair for chemicals, pharmaceuticals and biotechnology, underlined its leading role as an innovation, information and contact platform. With its new specialist focal areas and versatile accompanying program, ILMAC can report a positive final result, despite a decline in visitor numbers, and was able to satisfactorily fulfill the expectations placed on it.

SCS actively participated in a joint stand with the Universities of Applied Sciences (ZHAW, FHNW and HES-SO), and presented 13 projects of the SCG-FH Award in a small exhibition. The stand with its integrated "Rugenbräu Bar" was highly frequented by the fair visitors and hosted several social events during the 4 ILMAC days. Beside the stand SCS organized three mini-symposium in the

ILMAC Forum and presented the top-three projects of each category of the SCG-FH Award. SCS also supported SGVC to organize a lunch symposium and awarded the two winners of the Dr. Max Lühti Award 2013.

Categories of the SCS-FH Awards 2013:

- Molecules for Life Sciences
- Analytics in the Life Sciences
- Chemistry & Environment

SCS Syngenta Symposium, Stein



On October 24, 2013, over 170 chemists came together for the one-day symposium 'Frontiers in Fluorine Chemistry', hosted at Syngenta's Research and Development Center in Stein. Building on the success of the first joint symposium between the SCS and Syngenta during IYC2011, this event attracted scientists from academia and industry alike to share top quality science,

exchange ideas and enhance scientific networks. Many thanks to the organizing committee from Syngenta for this excellent day.

Launch of the National Technology Platform for Sustainable Chemistry, SusChem Switzerland – www.suschem.ch

Based on the initiative of INEOS and EPFL SCS launched the NTP SusChem Switzerland and acts as official host of the platform. The NTP is part of the European Network on SusChem and closely interacts with its European partners.

The platform was officially launched at the SusChem Conference Day at Ecochem in Basel on Nov 19. CimArk SA, which acts as operative office of the NTP, implemented the first communication measures and will define the SusChem CH strategy based on the first projects that are planned to be launched in 2014.

Acquisition of 5% Shares of Chemistry a European Journal As of Jan 1, 2014, SCS is a full member of the ChemPubSoc community The 5% share in "Chemistry a European Journal" was acquired from the GDCh. Membership at ChemPubSoc enables SCS members to purchase annual subscriptions on all ChemPubSoc journals at reduced rates. www.chempubsoc.org



SusChem
Swiss Technology Platform For
SUSTAINABLE CHEMISTRY



ChemPubSoc
Europe

Collaboration agreement with Thieme and RÖMPP

As of Jan 1, 2014 SCS members can get a personal subscription to the new online version of RÖMPP at a reduced annual fee of CHF 175 for regular members and CHF 75 for students.

Closer collaboration with local chemical societies in Switzerland

SCS in collaboration with the Platform Chemistry of the SCNAT invited the presidents of the local chemical societies to a dinner in Bern on July 2, 2014 and defined measures to closer collaboration and to implement synergies. Regular updates on activities and lectures will be given on the SCS event page.

European Employment Survey for Chemistry EESC

The SCS participated in the Employment Survey launched by Cefic and EC₂E₂N in September 2013. The survey focuses on job opportunities after an education in chemistry and shows best practice for a good employability. The results of the Survey will be published in early 2014.

New SCS Business Tool

With the new SCS Tool and the online member profiles the business processes in the head office could be optimized and administrative work was reduced. The tool allows an efficient administration from the member management to invoicing and CHIMIA subscription handling. The new tool replaced the FileMaker-databases that were used for the SCS business processes for almost 20 years.

Increased support of the Head Office for SCS Divisions

The support of divisional activities is one of the key factors for a successful society. The head office increased its support namely in the following fields:

- News channel and web support for Divisions
- New webpages for Leysin 2014 and the Fall Meeting 2014 and technical support for all web communication
- Centralized sponsoring for the Spring and Fall Meeting
- Communication support for divisional events (e.g. flyers, newsletters and webpages)

CHIMIA

www.chimia.ch, www.ingentaconnect.com/content/scs/chimia
 Dr. Roland Kunz, Chairman of the Editorial Board

This year's issues were again organized and supervised by recognized specialists. It is with great pleasure that I thank them for all their voluntary work. Our guest editors in 2013 in the order of their appearance were: Dr. Peter Maienfisch (Syngenta Crop Protection Münchwilen AG), Prof. Goverdhan Mahta (University of Hyderabad, India), Dr. Anne-Sophie Chauvin and Prof. Michael Grätzel (EPF Lausanne), Prof. Jérôme Lacour (University of Geneva), Prof. Catherine E. Housecroft (University of Basel), Katharina M. Fromm (University of Fribourg), Dr. Sandrine Gerber (EPF Lausanne), Prof. Philippe Renaud (University of Berne), David Spichiger (SCS Berne), Dr. Xenia Beyrich-Graf (BASF SE Ludwigshafen, Germany), Prof. Harm-Anton Klok (EPF Lausanne), Prof. Jeffrey Bode and Prof. Helma Wennemers (ETH Zurich).

In 2013 (volume 67) the following issues were published:

- 1-2 Chemistry in India Part II
- 3 Solar Energy Harvesting
- 4 Laureates: Awards and Honors, SCS Fall Meeting 2012
- 5 New Professors in Switzerland
- 6 Coordination Polymers: From Structures to Applications
- 7-8 Scientific Fall Meeting 2013 of the SCS
- 9 Technology Fair ILMAC 2013
- 10 Trends in Energy – The Role of Chemical Industry
- 11 Polymers, Colloids, and Interfaces
- 12 Peptide Science in Switzerland

Program, abstracts, and the laureate articles of the SCS Fall Meeting as well as a report of the SCS Spring Meeting were

again the annually recurring fix points in the editorial program. Conference reports and regular columns like the Swiss Science Concentrates, Highlights of Analytical Chemistry, Highlights in Polymer and Colloids Chemistry, contributions from the Universities of Applied Sciences and of the Swiss Academy of Sciences complement the topical part. A new column Biotechnet Switzerland was established, so as to strengthen the visibility of the Universities of Applied Sciences in CHIMIA.

Editorial Board and Outlook

By the end of 2013 Dr. Roland W. Kunz stepped down from his duties as Assistant Editor, but he will continue to lead the board. Dr. Manuel Koller will take over these duties as Managing Editor, a title more appropriately describing his job than the formerly used Assistant Editor.

We are happy to welcome Prof. Paul J. Dyson as a new board member. He is planning to take over the position of an Editor-in-Chief from Jérôme Lacour in 2015.



EuCheMS

www.euchems.org

David Spichiger and Nineta Majcen (via webpage)

About EuCheMS

EuCheMS is a not-for-profit organization founded in 1970. Its object is to promote co-operation in Europe between non-profit-making scientific and technical societies in the field of chemistry and molecular sciences. EuCheMS has 41 member societies, which together represent more than 150,000 chemists in academia, industry, government and professional organizations in 31 countries across Europe. EuCheMS has several Divisions and Working Groups, which cover all areas of chemistry and bring together world-class expertise in the underpinning science and development needed for innovation.

In 2013 EuCheMS published 4 Newsletters and a monthly EuCheMS Brussels News Update.

Delegates of the Swiss Chemical Society

- Prof. Heinz Berke, Universität Zürich
Member of the Working Party on Chemistry and Energy
- Prof. Jeff Bode, ETH Zürich
Member of the Division of Organic Chemistry
- Prof. Thomas Bürgi, Université de Genève
Member of the Division of Physical Chemistry
- Prof. Urban Frey, HESSO/IVS
Member of the Division of Analytical Chemistry
- Prof. Heinz Gaggeler,
President of the Division of Nuclear and Radiochemistry
- Prof. Walter Giger, EAWAG
President of the Division of Chemistry and the Environment
- Prof. Michael Graetzel, EPFL
Member of the Working Party HORIZON 2020
- Dr. Thomas Gude, SQTS/Migros
Member of the Division of Food Chemistry
- Dr. Klemens Koch, Seeland Gymnasium Biel
Member of the Division of Education
- Prof. Clément Mazet, Université de Genève
Member of the Division of Organometallic Chemistry
- Prof. Umberto Piantini, HEVS
Member of the Division of Food Chemistry
- Prof. Kay Severin, EPFL
Member of the Division of Inorganic Chemistry
- Prof. Jay Siegel, Universität Zürich
Member of the Executive Committee
- Prof. Thomas Ward, University of Basel
Member of the Division of Organometallic Chemistry
- Prof. Wolf-Dieter Woggon, Universität Basel
Member of the Division of Chemistry in Life Sciences

As per End of 2013 Heinz Gäggeler stepped down from his EuCheMS mandate. Thanks a lot for all the valuable contributions.

EuCheMS General Assembly, Budapest, October 22-24, 2014

This year EuCheMS General assembly was dedicated to important internal matters: new constitution and elections for President-Elect and elected members of the Executive Board were key items on the agenda. They were complemented by detailed presentations on various EuCheMS activities in the past year.

In pursuit of its vision, the EuCheMS General Assembly approved the following objectives:

- Strengthen the science base
- Develop substantiated policies
- Encourage professional development and networking
- Promote effective partnerships
- Enhance communication and recognition
- Improve decision making in governance and finance

Division of Fundamental Research DFR

www.scg.ch/dfr/

Prof. Philippe Renaud

Conferences and Activities

SCS Spring Meeting, PSI Villigen



The Spring Meeting 2013 took place on April 19 at PSI-Villigen, superbly organized by Davide Ferri. The topic of the meeting was "Opportunities and Challenges in Catalysis". The meeting was a great success with about 200 participants and a high level and dense scientific program. Lectures were given by Matthias Beller (Rostock), Emiel J.M.

Hensen (Eindhoven), Anett Schallmeyer (Aachen), Jürgen Gieshoff (Umicore AG) and Philippe Sautet (Lyon). Two lectures by the 2013 SCS Werner prize winners were presented by Cristina Nevado (Zurich) and Clément Mazet (Geneva).

SCS Fall Meeting, EPF Lausanne

The Fall Meeting took place on September 6 at the EPF Lausanne perfectly organized by Sandine Gerber and her dedicated team. With 568 scientific contributions in the fields of Analytical Sciences, Catalysis Science & Engineering, Computational Chemistry, Inorganic & Coordination Chemistry, Medicinal Chemistry & Chemical Biology, Organic Chemistry, Physical Chemistry, and Polymers, Colloids & Interfaces, the meeting was a huge success. The busy program consisted of a good combination of invited lectures, oral, and poster presentations. The following award lectures were during the meeting: Grammaticakis-Neumann Award Lecture: Uwe Pischel (University of Huelva) Sandmeyer Award Lecture: Pascal Steffanut and Samuel Dargorne (Clariant), KGF Senior Industrial Investigator Award Lectures: Ian Lewis (Novartis Institutes for Biomedical Research) and Werner Bonrath (DSM Nutritional products, Basel), and KGF Distinguished Industrial Investigator Award Lecture: Klaus Müller (F. Hoffmann-La Roche).



As usual, a large importance was attributed to oral and poster presentations by junior scientists. The best presentations in the different fields were awarded the SCS–Metrohm Prizes and SCS–DSM Prizes. The awarded research works will be presented in the April 2014 issue of CHIMIA. The organization of this event would not have been possible without the support of the

following generous sponsors: Actelion, BASF, Clariant, Dow Chemical, INEOS, Merck Serono, Novartis, Roche, Syngenta, Metrohm Foundation, DSM Nutritional Products, EPFL Lausanne, SCS Foundation and SCNAT Swiss Academy of Sciences.

Support to scientific conferences.

The DCR has financially supported via direct contributions and deficit guarantees the following manifestations:

- Jubiläumsveranstaltung 100 Jahre Nobelpreis für Alfred Werner, Universität Zürich
- SACC Spring Meeting, University Bern
- Spectroscopy and Molecular Dynamics at the Limit, ETH Zürich
- 48th EUCHEM Conference on Stereochemistry, Brunnen
- Frontiers in Photochemistry, Villars-sur-Ollon

SCS-Lectureships

The SCS lectureship program has been launched in 2013 under the coordination of Thomas Bally. The following lecturers were invited to give a one week lecture tour in 2013:

- Prof. Carl Lineberger, University of Colorado Boulder (USA), 03.-06.06.13
- Prof. Hanadi Sleiman, McGill University, Montreal (Canada), 07.-11.10.13
- Prof. Michael Famulok, Rheinische Friedrich-Wilhelms-Universität Bonn (DE), 25.-29.11.13

Changes in the Board

- New members that joined the board of the Division
 - Roger Alberto, University of Zürich
 - Christian Bochet University of Fribourg
 - Cristina Nevado University of Zurich
 - Stefan Willitsch University of Basel
 - Nicolas Winssinger University of Geneva
- The new representative of the Swiss Young Chemists' Association is its president, Alexander G. Tskhovrebov, EPF Lausanne, who succeeded Lars Ruddigkeit, University of Berne.

Outlook 2014

- SCS Spring Meeting in Fribourg "Frontiers in Organic Chemistry", April 24, 2014
- SCS Fall Meeting in Zürich, September 11, 2014
- Support to conferences: conferences organized in Switzerland will be supported according to the same rules as in the past, more information can be found on the division website.
- SCS-Lectureship program: 8 to 10 lecture tours will be organized.

Photochemistry Section PCS

Dr. Silvio Canonica

Conferences and Activities

Summer School "Frontiers in Photochemistry",

The Summer School, organized by the Photochemistry Section, took place 25-28 August 2013 in Les Diablerets. Among the 25 participants, renowned experts in the area of photochemistry and spectroscopy gave excellent lectures on fundamentals and advanced, timely topics. The meeting attracted young researchers from Switzerland and Europe, active in photochemistry and other fields (bioinorganic, environmental chemistry). They had the opportunity to present their own works in talks or posters. We look back to a very intensive and interesting meeting, conducted in a familiar atmosphere and very appreciated by the participants.

General Assembly of the Section

The GA was held in Lausanne on 6 September 2013. The just past Summer School was discussed. Considering its success, it could become a recurrent event to be held every 2-4 years. Its main goal should be to present to non-specialists the fundamentals and some current topics of photochemistry, thus

getting them interested to further deepen their knowledge in the field. The possibility to have yearly, one day meetings for photochemists was also discussed. The Committee will convene in early 2014 to examine the realization of this project. Finally, the new representatives of the Section in the Award Committee of the Society were nominated: Dr. Kurt Dietliker (reconfirmed) and Prof. Jacques-E. Moser (new).

Outlook 2014

- Planning the realization of a yearly one-day meeting in photochemistry.
- Contributing to the organization of the Central European Conference in Photochemistry in Bad Hofgastein (Austria) February 2014: Prof. Christian Bochet.

Swiss Young Chemists' Association SYCA

www.youngchemists.ch/

Lars Ruddigkeit

Conferences and Activities

11th Swiss Snow Symposium

Between the 11th and 13th January 2013 members of the Swiss Young Chemists' Association met for the first time in Saas Fee, Kanton Wallis for the 11th Swiss Snow Symposium. The conference began with the registration in a familiar atmosphere in the hotel Alphubel during a small apero. Dr. M. Assfalg from Hoffman La Roche gave the first talk of the symposium. She gave a very interesting overview over the whole drug discovery process entitled "From Bench to Bedside: The Drug Discovery Process". This was followed by 5 different student presentations related to the field of chemical biology. The best presentation in this session was given by Axel Hochstetter. Nearly everyone was going skiing on Saturday or enjoyed the snow and sunshine. The second part of the program was presented by Prof. Dr. Matile from Geneva. He explained some applications of supramolecular chemistry in his talk entitled "Molecular Tongues and Leaves". Afterwards Prof. Dr. Chen from the ETH Zurich gave his talk "From Gas Phase Ion Chemistry to catalysis for Metathesis and Cyclopropanation". He fascinated his audience with a very clear presentation about the combination of computational and catalysis chemistry. This was followed by 5 different student presentations related to the field of polymer chemistry and total synthesis. The community voted for Isak Alimi as the best presenter. Last but not least the symposium ended with a poster session in a relaxing atmosphere. The best poster prize was won by Michel Rickhaus.

Visit of BASF

The industry visit was shortly cancelled due to reorganizing effects inside the company.

New members or different functions in the Board

- President: Alexander G. Tskhovrebov
- Vice President: Lars Ruddigkeit
- Treasurer: Thomas Eaton
- Secretary: Matthew D. Wise

Outlook 2014

- 12th Swiss Snow Symposium in Saas Fee
The symposium will be a great opportunity for students to present their research in oral presentations and a poster session. It is completely oversubscribed.
- Industry visits are in planning progress.
- Soccer tournament for young chemists is in planning progress.

Division of Analytical Sciences DAS

www.scg.ch/das/

Prof. Gérard Hopfgartner

Conferences and Activities

CHAnalysis

The two-days meeting was held for the first time on November 29-30, 2013 in Beatenberg. The goal of this meeting, initiated by the DAS, is to stimulate a stronger cooperation among persons working in the different areas of analytical sciences in Switzerland. In addition to lectures and posters, an informal evening session was scheduled for networking and building new contacts across scientific borders. Over 50 analytical scientists representative from applied and fundamental research, education and industry have participated to the successful event organized by Detlef Günther, Ernő Pretsch, Ralph Schlapbach and Marc Suter.

Analytical Bioanalytical Chemistry Journal

The DAS is co-owner of the journal which has now reached an impact factor of 3.659.

Continuous Education in Analytical Sciences

The continuous education team of the DAS organized in collaboration with the Centre de Compétences en Chimie et Toxicologie Analytiques (ccCTA) (www.cccta.unige.ch/) courses on continuous in education in analytical chemistry. Thanks an excellent organization and an attractive program the courses are very well attended. The continuous education team composed by Ernő Pretsch Verena Schmid, Heiner Kern, Roland Looser and Bernard Schreiber.

CHIMIA Column: Highlights of Analytical Chemistry

Veronika Meyer successfully coordinates the column in CHIMIA which presents analytical research in Switzerland.

Conference Support

The DAS has supported via direct contributions the first Swiss Food Science Meeting, 27-28 Juni 2013 in Neuchâtel and the 14th International Congress on Chemistry and Environment, Meeting, 25-28 June, 2014 in Barcelona.

Changes in the Board

Heiner Kern has left the board after many years of activities and the DAS is grateful for his numerous and valuable contributions.

Outlook 2014

- During 2014 the DAC will propose in collaboration with the CCCTA 71 courses in the field of analytical chemistry. For additional information (www.scg.ch/kurse) or contact verena.schmid@eawag.ch.
- The DAS is supporting the following conferences:
 - HPLC2014 Conference, 1-15 May 2014 in New Orleans
 - Biotech 2014, 4-5 September 2014 in Wädenswil
 - IMSC 2014 Conference, 24-29 August 2014, Geneva
- The 7th APPLICA Conference will be held the 18th September 2014 im Oekolampad in Basel. Fachseminar zum Thema Trennung & Detektion: Neue Entwicklungen und Trends. (<http://www.applika-analytik.ch>).

Division of Industrial & Applied Chemistry DIAC

www.scg.ch/diac/

Dr. Walter Jucker

Activities, Symposia, Conferences, Projects

The annual meeting of DIAC, Basel

The meeting took place at Novartis Campus, Basel. Heiko Potgeter, global head R&D welcomed the participants and presented Novartis as a major employer of Switzerland. Team Clariant, the winner of Sandmeyer award 2013 presented their work on agricultural raw materials for polymerizations.

Thanks to booming finance markets a remarkable profit was reported in the financial statement 2012. The new DIAC Reglement and DIAC Vergabereglement were approved. Roger Marti was elected as new board member and successor of Olivier Naef. Mauricio Ranzi joined the board in summer 2013. After the meeting Novartis offered an excellent lunch and a plant tour in the chromatography plant. The minutes are on the webpage of DIAC.

11th Freiburger Symposium, Freiburg

The Symposium was held April 25 and April 26 2013. The title was "From Reaction to Technology Trends in the Chemical Production". Scientific coordinator was Kerstin Bodmann, Lonza Group. The presentations were of high quality and well accepted by the participants. More than 100 industrial professionals and students attended the symposia. A symposia dinner together with speakers and board members were offered the first time to stimulate networking. Abstracts were published in *Chimia* 9/2013. Thanks to five logo sponsors the financial result of the symposia was positive.

CHIMIA issue 10/2013

Xenia Beyrich-Graf, BASF acted as guest editor for *Chimia* issue 10/2013 "Trends in Energy - Efficiency, Recovery and Production, the Role of Chemical Industry". Articles in step with actual practice and articles on research results were combined in this special issue. The contribution of Chemical Industry to sustainable development was impressively shown.

ILMAC 2013, Basel

Roger Marti and Rudolf Pfluger supported the executive director in repositioning the SCS participation at ILMAC. Universities of Applied Sciences submitted 13 research projects as examples for their research work. Kerstin Bodmann acted as assessor in the award committee.

DIAC Strategy Workshop, Adelboden



In a two day workshop in Adelboden the board updated strategy and defined the frame for future activities of DIAC. Membership promotion was selected as main activity for 2014. Core activities such as Freiburger Symposium and annual meeting will remain in the portfolio of activities. In 2015 the Sandmeyer award ceremony will

be the first time integrated in our Freiburger Symposium. As a consequence the symposia will take place in future end of April instead of September.

Changes in the Board

- Walter Jucker will step down as president of DIAC and member of the Board. After 15 years of membership in the DIAC Board he turned to a political assignment and was elected an executive member of the government of the city Rheinfelden.
- Rudolf Pfluger will step down after 13 years as member of the DIAC Board. He was member of the ILMAC organization committee and a specialist for technical transfer from universities to industry.
- Bernhard Urwyler, Syngenta will be nominated as new DIAC president to the next annual meeting in April 2014.
- Stephan Gentner, DSM has accepted his nomination as future board member of DIAC. A second new member is looked for.

Outlook 2014

- 2014 will be a year with fewer activities, which allow the board to foster its strategy. Intensification of relationship to Universities of Applied Sciences will be in the focus.
- The annual meeting is planned for April 3rd 2014. The venue is not yet confirmed.

- The 12th Freiburger Symposium will take place in April 2015. The preliminary working title is "Smart solutions of downstream processing enabling trends in new product development".
- In strong collaboration with GDCh a salary survey for industrial chemists is rolled out for colleagues working in Switzerland. The survey is launch in spring and we count on your participation.

Division of Medicinal Chemistry & Chemical Biology DMCCB

www.scg.ch/DMCCB/

Karl-Heinz Altmann

Conferences and Activities

Joint German-Swiss Meeting on Medicinal Chemistry, Munich

Together with the sections Medicinal Chemistry of the GdCh and Medicinal Chemistry/Pharmaceutical Chemistry of the DPhG the DMCCB organized this joint-symposium that took place from March 17-20, 2013 in Munich and included lectures in the areas of membrane receptors, membrane transporters, pain, and cardiology. In addition, the meeting featured a highlight session on new technologies and medicinal chemistry. Of the ca. 200 participants, 15 came from Switzerland, of which 7 were invited lecturers. The quality of the presentations was good to excellent, with one of the highlights being the lecture by Prof. Ray Stevens, TRSI, La Jolla, on GPCR crystal structures.

Anglo-Swiss Symposium on Phenotypic screening – target Identification Approaches, Basel

Together with the section on Biological and Medicinal Chemistry Sector of the RSC and Hoffmann-La Roche the DMCCB organized this joint-meeting that took place on Oct. 9, 2013, on the premises of Hofmann-La Roche and brought together scientists from the pharmaceutical and the agricultural sector. The interdisciplinary nature of the event was highly appreciated by the participants and the meeting is to be considered a major success.



Changes in the Board

- Karl-Heinz Altmann has resigned as the President of the Division by the end of 2013, but he will remain a member of the Board.
- Dr. Yves Auberson from Novartis succeeds Karl-Heinz Altmann as president of the Division.
- Prof. Jean-Louis Reymond, University of Bern, joined the Board at the beginning of 2014, he is the new Vice-President of the Division.

Outlook 2014

- Minisymposium "Kinetics of Drug Binding and Covalent Drugs", May 22, 2014, University of Basel.
- Session Medicinal Chemistry and Chemical Biology at the SCS Fall Meeting 2014.
- 11th Swiss Course on Medicinal Chemistry, Leysin, Oct.12-17, 2014.
- Participation in the organization of "EFMC-ISCM 2014: 23rd International Symposium on Medicinal Chemistry", Lisbon, Sept. 7-11, 2014.

Division of Polymers, Colloids & Interfaces DPCI

www.polycoll.ch / www.scg.ch/DPCI/

Bettina Steinmann

Conferences and Activities

Polycoll meeting June 7th

The meeting took place at the Department of Chemistry, University of Basel on June 7, 2013. It was organized by Prof. Wolfgang Meier and Dr. Nico Bruns, Basel University. 8 invited speakers from academia and industry showed recent developments in the field. The meeting was rounded off with a poster session.

DPCI Ph.D. Award

The thesis of Dr. Andrea Grotzky "Dendronized Polymers and Enzymes: A Molecular Hybrid Structure" was recognized with the annual Ph.D. DCPI award for outstanding Ph.D. theses.

CHIMIA issue 11/2013: Polymers, Colloids & Interfaces and Polymers and Colloid Highlights

A special issue of Chimia (2013, 67, Nr. 11) was dedicated to polymers, colloids and interfaces. Edited by Prof. Harm-Anton Klok it captured and highlighted some of the most exciting development in the field from a Swiss perspective.

6 Polymers and Colloid Highlights were published in Chimia 2013.

DPCI at the SCS Fall Meeting 2013, Lausanne

At the fall meeting progress in the field was presented by two invited lecturers and contribution from 10 speakers.

Changes in the Board

- Christian Hinderling has taken over as President from Bettina Steinmann.
- Wolfgang Meier, University of Basel, Dieter Schlüter, ETHZ and Frank Scheffold, University of Fribourg, stepped down as members of the DPCI board.
- Christof Weder, AML, and Markus Niederberger, ETHZ, joined the board.

Outlook 2014

- Polycoll meeting planned for spring/summer 2014
- Annual Ph.D. Award 2014
- Column in CHIMIA: DPCI Highlights

Swiss Association of Computational Chemistry SACC

Jürg Hutter, President

Conferences and Activities

SACC Spring Meeting, Berne

The Association held its Spring Meeting on February 15, 2013 in Berne. There were six invited talks by Dr. Sharon Catac (Syn-genta), Dr. Anatol von Lilienfeld (Argonne National Labs), Dr. Latevi Max Lawson Daku (Geneva), and Prof. Hans-Jakob Woerner (ETHZ), Prof. Oleg Yazev (EPFL), and Prof. Stefan Goedecker (Basel). A poster session was organized, giving young scientists, mainly PhD and post-doctoral students, an opportunity to present their research. There were in total 26 posters presented.

SCS Fall Meeting, Session of Computational Chemistry

As in earlier years, the SACC Fall Meeting coincided with the SCS Fall Meeting, held at the EPF Lausanne on September 6th. The session on Computational Chemistry was organized by Prof. Markus Meuwly (Basel) and Clemence Corminboeuf (EPFL). There was a total of 16 contributed talks by young scientists. The talks were very well attended. In addition, a poster session (21 posters) was held.

Outlook 2014

- The Association will hold its Spring Meeting on February 13, 2014 in Basel. The program includes a poster session and five scientific talks on the topic of multi-scale modeling of complex chemical systems.
- The SACC Fall Meeting will be held as part of the SCS Fall Meeting at the University of Zurich.

Verein Schweizerischer

Naturwissenschaftslehrer VSN:

www.vsn.ch, www.sspsn.ch, www.asisn.ch

Dr. Klemens Koch

Conferences and Activities

Journée de formation continue de chimie

17 avril 2013, cours sur la pharmacie, à l'Université de Genève et 10 sept 2013, journée de démonstrations de chimie à l'EPFL.

Journée de formation continue de biologie

Sep 2013, Géologie des Alpes calcaires (CPS) et Nov 2013, TP du gènes aux protéines (CRB).

Weiterbildungskurs (Verein Schweizerischer Mathematik- und Physiklehrkräfte VSMP und VSN)

Okt 2013, dreitägiger Kongress science-cuisine. Interdisziplinär: mit Mathematik und Naturwissenschaften.

Vereinszeitschrift c+b (Chemie + Biologie),

Jährlich drei Ausgaben, Redaktor: Paul Burkhalter.

Members

Members as per 31.12.2013: 460

Changes in the Board

New members of the board:

- Manuel Fragnière (Präsident Commission romande de chimie CRC und Redaktor c+b)
- Andreas Bartlome (Präsident Deutschschweizer Chemiekommision DCK)
- Rene Gfeller (Vertreter Commission romande de biologie CRB, Präsidentin CRB ist Marie-Pierre Chevron)

Anne Arnoux (Präsidentin CRB) and Philipp Boesch stepped down from their mandates.

Outlook 2014

- Révision des „Tables et Formulaires“ für die Romandie und Revision und Ergänzung Formeln Tabellen Begriffe für die Deutschschweiz sowie dessen Übersetzung ins Englische.
- Verschiedene Weiterbildungsveranstaltungen geplant (Commission romande de biologie CRB, Commission romande de chimie CRC, Deutschschweizer Chemiekommision DCK)
- Begegnungstage Chemielehrer-Universitäten in Vorbereitung

GSASA, Schweizerischer Verein der Spital- und Amtsapotheker

www.gsasa.ch

Dr. Susanna Kussmann



Tagungen, Konferenzen und weitere Aktivitäten

Eidgenössische Akkreditierung der Weiterbildung FPH Spitalpharmazie

Mit einem Schreiben, datiert vom 20. Juni 2013, wurde die GSASA über den Akkreditierungsentscheid (gültig bis 30. Juni 2020) von Herrn Bundesrat Alain Berset informiert. Dieser grosse Erfolg der eidgenössischen Verankerung der Weiterbildung verdankt die GSASA unter anderem der hervorragenden Zusammenarbeit mit pharmaSuisse.

Fortbildung

Die GSASA führte im 2013 zwei grosse Fortbildungsanlässe durch. Am 23. April 2013 fand im Stade de Suisse in Bern die gemeinsam mit Patientensicherheit Schweiz organisierte Tagung „Medikationssicherheit an Übergängen – von Schnittstellen zu Nahtstellen“ statt. Über 330 Teilnehmende (Offizin- und Spitalapotheker, Pflegepersonal und Ärzte) kamen aus der ganzen Schweiz an diese interdisziplinäre Veranstaltung. Am 28. und 29. November fanden dann in Montreux die Journées Franco-Suisse de pharmacie hospitalière statt unter dem Thema „Le temps qui passe et qui s'emballe“ et « Le sang dans tous ses états »

Politische Aktivitäten

Im Berichtsjahr verfasste die GSASA diverse Positionspapiere und beteiligte sich an politischen Diskussionen wie u.a. Datenbank der Arzneimittelinformationen: Anforderungen an Arzneimittelstammdaten aus Sicht der Spitalapotheker oder öffentliche Apotheken in Spitälern.

Im Rahmen der Patentgesetzrevision erreichte die GSASA zusammen mit pharmaSuisse eine Absichtserklärung der Pharmaindustrie zur Wirkstoffbelieferung.

GSASA-intern wurde die Umstellung von der gedruckten Form des GSASA-Journal auf die in elektronischer Form versandten GSASA eNews sehr positive aufgenommen. Die eNews ermöglichen eine rasche, zeitgerechte, kurze und prägnante Information unserer Mitglieder über aktuelle Themen, Fortbildungsveranstaltungen und Forschungsarbeiten.

Members

- Mitglieder per 31.12.2013: 422 (+19 ggü 2012)

Changes in the Board

- An der Generalversammlung vom 27. November 2013 fanden die Gesamterneuerungswahlen der GSASA Gremien statt. Gemäss dem dreijährigen Präsidialturnus wird Dr. Priska Vonbach ab 1.1.2014 den Posten der Präsidentin, Prof. Dr. Pascal Bonnabry den des Past-Präsidenten und PD Dr. Johnny Beney den des Vize-Präsidenten übernehmen. Brigitte Waldspühl wird nach 9-jährigem Engagement das präsidiale Trio verlassen.
- Im GSASA-Vorstand übernimmt Dr. Stephan Luterbacher das Ressort der Kantonsapotheker, Dr. Dr. Jean-Blaise Montandon trat nach langjähriger Mitarbeit von diesem Posten zurück.

Outlook 2014

- Vom 2. bis 4. November 2014 wird in Interlaken der 2. Schweizerische Apothekerkongress stattfinden, co-organisiert von pharmaSuisse inkl. pharmActual und der GSASA.

Swiss Society for Food and Environmental Chemistry SSFEC/SGLUC

www.sgluc.ch

Dr. Hans Jörg Bachmann, President

SGLUC
SSCAE
SSCAA
SSFEC

Conferences and Activities

Swiss Food Science Meeting 2013

Topic of the meeting was “Current and Future Food Safety Issues: Not Intentionally Added Substances (NIAS) and was organized together with the association of Swiss cantonal chemists. It took place June 27/28 at the University of Neuchâtel (www.kal.ch/sfsm2013) with some 80 participants, 14 interesting lectures and 2 poster sessions. Besides giving useful information on analytical challenges and risk management of NIAS there were enough possibilities for animated discussions, exchange of experiences and maintaining contacts. The obvious success of the meeting confirmed us in our intention to organize the next one in 2016.

The proceedings of the SFSM 2013 were published in the "Mitteilungen aus Lebensmittel- und Umweltchemie"/"Travaux de chimie alimentaire et environnementale".

Members

Members as per 31.12.2013: 300

Outlook 2014

- Together with SGLH, SGLWT and SVIAL we will organize a symposium “Water in food production”, which will take place September 25/26 at Landhaus, Solothurn.

Swiss Group for Mass Spectrometry SGMS

Dr Marc J-F Suter, President



Conferences and Activities

SGMS Annual Meeting, Beatenberg

The 31st annual meeting of the SGMS was held at Hotel Dorint, Beatenberg, Oct 31 - Nov 1, 2013. A total of 125 participants enjoyed excellent presentations and the chance to meet people from industry, academia and regulatory bodies. Poster presentations were encouraged for the first time. All students presenting paid a small fee of 100.- only.

Invited lecturers were

- Thomas Krämer, Inst of Forensic Medicine, Univ ZH
- Martin Kussmann, Nestlé Institute of Health Sciences, EPFL
- Ruedi Aebersold, Inst of Molecular Systems Biology, ETHZ
- Günter Allmaier, Inst of Chemical Technologies and Analytics, Vienna, A

Liang Qiao from EPFL received the 2013 award for the best student.

Int. Mass Spectrometry Conference IMSC2014, Geneva

Renato Zenobi (ETHZ) and Marc Suter (Eawag), together with the SGMS, the French Mass Spectrometry Society (SFMS) and the Division of Mass Spectrometry of the Italian Chemical Society (DMS), organize the International Mass Spectrometry Conference IMSC2014 to be held in Geneva August 24th-29th (www.imsc2014.ch). More than 2'000 attendees from all over the world are expected.

Members

- Members as per 31.12.2013: 182
- Tendency over the past 5 years: more or less unchanged

Changes in the Board

- Dr Bertran Gerritsj, Novartis Institutes for Biomedical Research, has been approved by the SGMS general assembly as new board member (member-at-large).
- Dr Richard Knochenmuss, Tofwerk AG Thun, has agreed to support the board as member-at-large and awaits election at the general assembly 2014

Outlook 2014

- At IMSC2014, the first SGMS award (CHF 5'000.-) will be awarded to a promising scientist working in Switzerland or a promising Swiss scientist working abroad, for outstanding independent research in the field of mass spectrometry.
- The 32nd annual SGMS meeting will be held at hotel Dorint, Beatenberg, Oct 30 - 31, 2014.

Berne, January 2014