



SCG
Schweizerische
Chemische
Gesellschaft

SSC
Société
Suisse
de Chimie

SCS
Swiss
Chemical
Society

Annual Report 2012

Published in CHIMIA Volume 67, No 1-2/2013

Editorial

After the wealth of activities during the International Year of Chemistry 2011 it was a challenge to keep the momentum alive and strengthen the Swiss Chemical Society (SCS). At the forefront its strive for public awareness of chemistry's contributions, of the challenges ahead, chemistry's role in their resolve, and the SCS's endeavor to keep abreast of the development of new areas in the field.

The Board discussed the SCS's strengths and weaknesses in January 2012 and this led to a re-definition of the Society's mission statement and the strategies on how to achieve the goals. Three additional members were elected to the Board to broaden its fields and to help in the implementation of the decisions. First tangible results include:

- a closer collaboration with KGF (Kontaktgruppe für Forschungsfragen) and the establishment of a new award program (KGF-SCS Industrial Science Awards).
 - A new concept of the Freiburger Symposium (Division of Industrial & Applied Chemistry).
 - A new SCS webpage.
- Other project are in the process of elaboration.

Of existing activities we highlight just a few

- Organization and/or sponsorship of public and scientific meetings.
- Organization of forty educational courses (Division of Analytical Chemistry)
- Collaboration with the Platform Chemistry of SCNAT, Swiss Science Industries (SGCI), and the European Association for Chemical and Molecular Sciences (EuCheMS)
- Presentation of six SCS awards to scientists.

These and others, as detailed in the report, kept us very busy in 2012.

Prof. E. Peter Kündig
President

David Spichiger
Executive Director

SCG Events 2012 at a Glance

David Spichiger

- | | |
|-------------|--|
| 21.-23. Jan | GDCh/SCS joint workshop on "Future Medicinal Chemistry, Kloster Seon, Germany |
| 05.-09. Feb | Central European Conference on Photochemistry, CCEP 2012, Bad Hofgastein, Austria. |
| 10.-12. Feb | 10th Swiss Snow Symposium by SYCA, Lenk |
| 16. Feb | SCS Spring Meeting: New Development in Analytical Chemistry, Geneva |
| April | GDCh-SCG Heilbronner-Hückel Lectures by Prof. Joachim Sauer from Humboldt Universität Berlin |
| 20. Apr | PolyColl 2012, Fribourg |
| 10. May | General Assembly of the SCS Division of Industrial Chemistry, Pratteln |
| 07. Jun | Minisymposium „Epigenetic Targets: New Opportunities for Medicinal Chemistry“, Basel |
| 09.-12. Jul | Polyelectrolytes 2012, Lausanne |
| 12. Sep | VIP-Dinner of the SCS Fall Meeting, Zürich |
| 13. Sep | SCS Fall Meeting and General Assembly, Zurich |
| 14.-17. Oct | 10th Swiss Course on Medicinal Chemistry, Leysin |

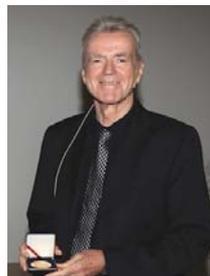
SCS Award Winners 2012

David Spichiger

The Swiss Chemical Society awarded five individuals and one group for their outstanding contributions. A total sum of CHF 58'000 as well as medals and award certificates were given to the prizewinners.

Paracelsus Prize

CHF 20,000 and medal in gold; awarded to an internationally outstanding scientist for his or her lifetime achievements in chemical research.



Prof. Bernd Giese, University of Fribourg and Basel, in recognition of his pioneering work on stereoselective radical reactions in synthesis and his elaboration of the mechanism of electron transfer processes in biopolymers.

Ceremony and lecture at the Fall Meeting in Zurich, Sep 13, 2012.

Werner Prize

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



Prof. Nicolai Cramer, EPFL Lausanne, in recognition of his pioneering studies in metal catalyzed C-C and C-H activation reactions and their application in organic synthesis.

Ceremony and lecture at the Spring Meeting in Geneva, Apr 16, 2012

Grammaticakis-Neumann Prize

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



Prof. Hans Jakob Würner, ETH Zürich, in recognition of his pioneering investigations of molecular reaction dynamics on the sub-femtosecond time scale.

Ceremony and lecture at the Fall Meeting in Zurich, Sep 13.2012

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.



Mr Marc Montangero, gymnase de Morges (VD), in recognition of his weekly popular internet show on chemistry during the International Year of Chemistry 2011

Ceremony at the dinner of the "Zentralkurs Chemie", Zürich, Oct 9, 2012.
Website: www.chimie.ch/nuls/

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.



Ms Lucy Sägesser, ZHAW, in recognition of her 'Bachelor Diploma work' on preparative and analytical investigations of the positive effect of the 'papersave swiss' process on iron gall inks.

Ceremony and lecture at the Fall Meeting in Zurich, Sep 13, 2012.

Sandmeyer Award sponsored by KPMG

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



Dr. Dirk Spielvogel
Dr. Andreas Boudier
Dr. Dietmar Flubacher
Mr. Markus Müller
Dr. Pierre Martin
Solvias,

in recognition for the development of a conceptually novel, industrially viable synthesis for hematoporphyrin and protoporphyrin.

Ceremony at the dinner of the Fall Meeting in Zurich, Sep 13, 2012 and Lecture at the Siegfried Symposium Oct 5, 2012.

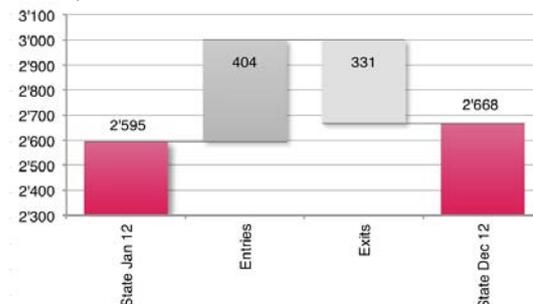
Supporters of the Swiss Chemical Society and the SCS Foundation

With our best thanks we'd 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.

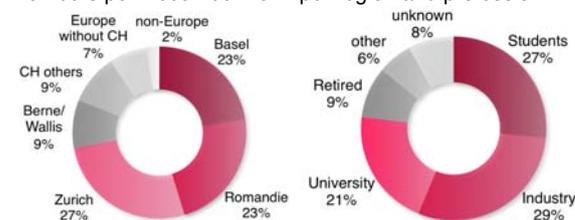
	NOVARTIS KGF, Kontaktgruppe für Forschungsfragen
	Roche
	Merck Serono
	syngenta
	BASF
	Lonza
	Actelion
	Metrohm Stiftung
	DSM Nutritional Products SA
	KPMG
	Support Organizations
	SATW

Member Statistics

Development of members 2012: +73



Members per December 2012 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 (new)
- David Spichiger, Swiss Chemical Society
SCS Executive Director
- Dr Roland Kunz, University of Zurich
President CHIMIA
- Dr Hans Peter Lüthi, ETH Zurich
SCS Treasurer (new)

SCS Board (additionally to the Executive Board members)

- Prof. Karl-Heinz Altmann, ETH Zurich
President Division of Medicinal Chemistry
- Prof. Christophe Copéret, ETH Zurich
Responsible for national and international relations (new)
- Dr. MER Sandrine Gerber, EPF Lausanne
Member of the board (new)
- Prof. Gérard Hopfgartner, University of Geneva
President Division of Analytical Chemistry
- Dr. Cédric Invernizzi, LABOR SPIEZ
Member of the SCS board (new)
- Dr Walter Jucker, DSM Nutritional Products AG
President Division of Industrial Chemistry
- Prof. Philippe Renaud, University of Bern
President Division of Chemical Research
- Dr Bettina Steinmann, 3D Systems SA
President Division of Polymers und Colloids
- Dr Martin Vollmer, Clariant International Ltd
Member of the board

The following members ended their mandate and left the board:

- Dr Bernhard Scholl as Treasurer
- Prof. Jay Siegel as responsible for external relations
- Prof. Jaques Moser as member of the board

We would like to thank them very much for their contributions to the success of the SCS.

Sarah Schmitz joined the SCS Head Office in Bern in February 2012 with a 40% engagement. She succeeded Marie Claire Lauster as the society's assistant.

Society's activities and Head Office

www.scg.ch
David Spichiger



Strategy and Structure 2013

The general assembly confirmed the new mission statement and the SCS structure as well as the new names of the Divisions in Zurich on September 13.

Mission Statement as of 2013

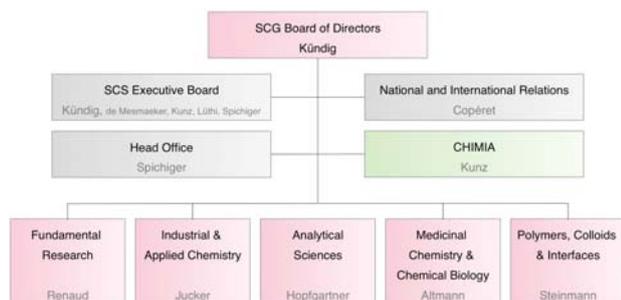
«The Swiss Chemical Society represents chemists and scientists of chemistry related fields in Switzerland and in international organizations, supports the scientific know-how exchange and offers corresponding network possibilities.»

SCS Strategy

The Swiss Chemical Society focuses on

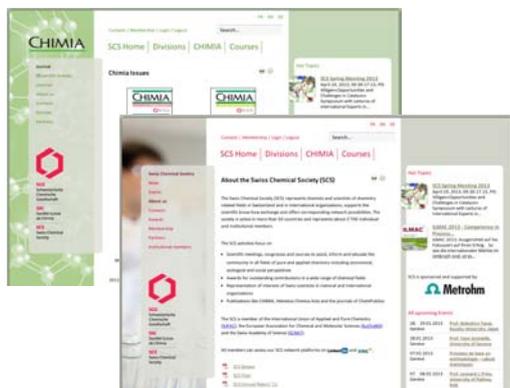
- Scientific meetings, congresses and courses to assist, inform and educate the community in all fields of pure and applied chemistry including economical, ecological and social perspectives
- Awards for outstanding contributions in a wide range of chemical fields
- Representation of interests of Swiss scientists in national and international organizations
- Publications like CHIMIA, Helvetica Chimica Acta and the journals of ChemPubSoc
- The SCS is a member of the European Association for Chemical and Molecular Sciences (EuCheMS) and The Swiss Academy of Sciences (SCNAT).

SCS Structure as of January 2013



New Webpages for SCS and CHIMIA

As per Oct 1, 2012 the new and consolidated society web pages as well as the new CHIMIA sites went online. The site convinces with an up-to-date look and feel, an easy and understandable navigation and possibilities for further development.



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 2012 in the order of their appearance were: Dr. Karl-Heinz Ernst (Empa, Dübendorf), Prof. Jérôme Lacour (University of Geneva), Prof. Eric Allémann (Universities of Geneva and Lausanne), Prof. Muriel Cuendet (Universities of Geneva and Lausanne), Prof. Philippe Renaud (University of Bern), Dr. Davide Ferri (Empa Dübendorf), Prof. Lioubov Kiwi-Minsker (EPF Lausanne), Prof. Jeroen A. van Bokhoven (ETH Zurich), Prof. Javier Pérez-Ramírez (ETH Zurich), Prof. Matthias Ernst (ETH Zurich), Prof. Roland Riek (ETH Zurich), Dr. Farnaz Moser (EPF Lausanne), Dr. Reto Naef (Novartis Pharma AG, Basel), and Dr. Peter Maienfisch (Syngenta Crop Protection Munchwilten AG).



Content

In 2012 (volume 66) the following issues were published:

- 1-2 30 Years Scanning Tunneling Microscopy
- 3 New Professors in Switzerland
- 4 Laureates: Awards and Honors, SCS Fall Meeting 2011
- 5 Geneva-Lausanne Pharma
- 6 Organic Free Radicals
- 7-8 Scientific Fall Meeting 2012 of the Swiss Chemical Society (SCS)
- 9 Heterogeneous Catalysis in Switzerland
- 10 NMR Spectroscopy in Switzerland
- 11 Molecular Sciences' Outreach Activities
- 12 Chemistry in India

Program, abstracts, and the laureate articles of the SCS Fall Meeting as well as a report of the SCS Spring Meeting are 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 complement the topical part.

CHIMIA online

CHIMIA is indexed in *MEDLINE* on regular basis. All issues back to 2009 were also indexed. As in the past, CHIMIA remains indexed by *Chemical Abstracts Services*, *Science Citation Index* and *Scopus*.

CHIMIA is now using "CrossCheck powered by iThenticate", a CrossRef service to its members. The use of this software will allow easy detection of plagiarism, an intellectual misconduct that cannot be tolerated by any scientific journal.

Editorial Board and Outlook

By the end of 2012 Prof. Karl Gademann stepped down from his duties as the contact person to CHIMIA's Advisory Board. He had joined the EB in 2007 – thank you for your service. We are happy to welcome Prof. Clemence Corminboeuf as a new member. She will take over the duties from Karl Gademann and will also represent theoretical chemistry and the french speaking community. 2013 another new member will join the Editorial Board: Dr. Manuel Koller. He will, after one year of apprenticeship, take over parts of the duties of Roland W. Kunz as a managing editor.



EuCheMS
www.euchems.org
David Spichiger

About EuCheMS

EuCheMS is the umbrella organization of all European national chemical societies and has 41 members, which together represent more than 150'000 chemists in academia, industry, government and professional organizations in 34 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.

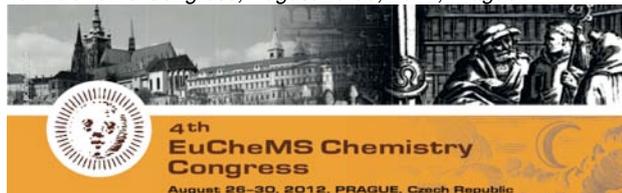
Delegates of the Swiss Chemical Society

- Prof. Jay Siegel, Universität Zürich
Member of the Executive Committee and
President of the Division of Organic Chemistry
- Prof. Kay Severin, EPFL
Member of the Division of Inorganic Chemistry
- Prof. Heinz Gägeler
President of the Division of Nuclear and Radiochemistry
- Prof. Walter Giger, EAWAG
President of the Division of Chemistry and the Environment
- Prof. Heinz Berke, University of Zürich
Member of the Working Party on Chemistry and Energy
- Prof. Thomas Bürgi, Université de Genève
Member of the Working Party on Physical Chemistry
- Prof. Urban Frey, HESSO/VS
Member of the Division of Analytical Chemistry
- Prof. Umberto Piantini, HEVS
Member of the Division of Food Chemistry
- Dr. Thomas Gude, SQTS/Migros
Member of the Division of Food Chemistry
- Prof. Thomas Ward, University of Basel
Member of the Division of Organometallic Chemistry
- Prof. Wolf-Dieter Woggon, University of Basel
Member of the Division of Chemistry in Life Sciences
- Prof. Jean-Louis Reymond, University of Berne
Delegate of the Scientific Committee, 5th EuCheMS Congress
- Prof. Michael Graetzel, EPFL
Member of the Working Party HORIZON 2020

As per End of 2012 Jay Siegel stepped down from both EuCheMS mandates. Thanks a lot for all your valuable inputs.

Conferences, Activities

4th EuCheMS Congress, August 26-30, 2012; Prague



Around 1800 chemists from 57 countries around the world congregated on Prague for the 4th EuCheMS Chemistry Congress from 26 to 30 August. The diverse and star-studded programme featured nine plenary speakers, among whom Nobel laureates held a narrow majority. In between there were 12 parallel sessions ranging from traditional disciplines like organic synthesis and inorganic materials to adjacent fields including life sciences and the history of chemistry.

The 5th EuCheMS Congress will be held in Istanbul from Aug 31 to Sep 4, 2014 (www.euchems-istanbul2014.org)

EuCheMS General Assembly in Dublin

Ulrich Schubert (EuCheMS President) chaired the EuCheMS General Assembly hosted at the Royal Irish Academy in Dublin from October 10 to 12. About 60 participants, whereof four members of the Swiss Chemical Society, joined the Assembly and discussed strategic topics.

Division of Chemical Research (DCR)

www.scg.ch/DFR/
Prof. Philippe Renaud

Conferences and Activities



SCS Spring Meeting 2013

The SCS Spring Meeting was organized in Geneva on February 16, 2012 on the topic "New Development in Analytical Chemistry". Lectures were given by Albert Heck (Utrecht University), Bernd Bodenmiller (University Zürich), Thomas B. Hofstetter, (Eawag, Dübendorf), Lee Ferguson (Duke University), Ron Heeren (AMOLF, Amsterdam) and Christian Amatore (UPMC, Paris). At this occasion, the 2012 Werner Prize Nicolay Cramer (EPF Lausanne) presented a lecture entitled "Selectivity in C-H and C-C activations: Challenges and Opportunities". The DCR board congratulates Gérard Hopfgartner and his team as well as the SCS General Secretary David Spichiger for the superb organization and profitable financial outcome.

SCS Fall Meeting 2013

Hans Peter Lüthi organized the SCS Fall Meeting on September 13, 2012 at the ETH Zürich. With more than 600 scientific contributions and 800 participants, the meeting confirmed its popularity within the community of chemists in Switzerland. Nine parallel sessions were held in the following fields

- Analytical chemistry
- Medicinal chemistry
- Computational chemistry
- Inorganic and coordination chemistry
- Organic chemistry
- Physical chemistry
- Polymer science
- Catalysis science

For the first time, a session dedicated to Catalysis Science and Engineering was organized and proved very successful with more than 80 contributions.

A good combination of invited lectures, oral, and poster presentations kept the participants busy during the whole day. The Dr. Max Lüthi Award was given to Lucie Säggerer from ZHAW and the Grammaticakis-Neumann Prize was awarded to Hans Jakob Wörner from ETH Zurich. Prof. Bernd Giese from University of Fribourg and Basel received the Paracelsus Prize and gave the final lecture of the day.

As usual, junior scientists attributed importance input with their oral and poster presentations. The best presentations in the different fields were awarded the SCS-Metrohm Prizes (best oral presentations, 18 awards) and SCS-DSM Prizes (best poster presentations, 27 awards). The awarded research works will be presented in a special issue of CHIMIA (April 2013) dedicated to the SCS-laureates and awards.

The organization of this event would not have been possible without the support of generous sponsors (Actelion, BASF, Bruker, Büchi, Clariant, Dow Chemical, IBM, Merck Serono, Novartis, Roche, Syngenta, Metrohm Foundation, DSM Nutritional Products, KPMG, ETH Zürich, SCS Foundation and Swiss Academy of Sciences). The DCR board thanks Hans Peter Lüthi and his team for the professional organization of this superb event.



Support to conferences.

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

- Isolated Biomolecules and Biomolecular Interactions IBBI; Les Diablerets, Jan 22-27, 2012
- Farewell-Symposium for Heinz Berke; Zürich, Feb 17, 2012
- International workshop on Zeeman deceleration; Zürich, Apr 12-14, 2012
- The 47th EuCheMS Conference on Stereochemistry; Brunnen, Apr 29 – May 4, 2012
- Computational Chemogenomics to understand System Biology & Computational Medicinal Chemistry; Geneva, May 14–16, 2012
- 9th International Symposium on Polyelectrolytes – ISP 2012; Lausanne, Jul 9-12, 2012
- Dorothy Crowfoot Hodgkin Symposium; Zürich, Oct 8, 2012

GDCh-SCS Heilbronner-Hückel Lectures

Joachim Sauer (Humboldt Universität Berlin) was selected as the 2012 GDCh-SCG Heilbronner-Hückel Lecturer. He gave a series of lectures in April 2012 at ETH-Zürich, University of Fribourg, University of Basel and EPF-Lausanne. Martin Quack is thanked for the excellent organization of the lecture tour.

Personell Changes in the Division Board

In 2012, Prof. Javier Pérez-Ramírez (ETH Zürich) joined the board of the Division as a representative of the Catalysis section.

Photochemistry Section (DCF)

Dr. Silvio Canonica

Conferences and Activities

CECP 2012

On behalf of the Photochemistry Section, Prof. Jaques-E. Moser (EPFL) contributed to the organization of the sixth Central European Conference on Photochemistry, CECP 2012, which was held in February 2012 in Bad Hofgastein, Austria. The conference was a success, with a high scientific level and a good mixture of contributions from junior and more experienced researchers. Prof. Frank Nüesch (EMPA, Dübendorf) gave an invited plenary lecture on “Electronic processes at organic optoelectronic device interfaces”. The next CECP will be held early 2014 again in Bad Hofgastein.

PCS General Assembly

The General Assembly of the Section was held in Zurich on 13 September 2012. The main subject discussed was the planning of a Swiss Photochemistry Meeting in 2013. It was decided that this meeting should address PhD students and more advanced scientists of various backgrounds working or interested in working with light and molecules (photochemistry in a broad sense), from Switzerland and abroad. After the General Assembly, several members contributed to elaborate a concept and a preliminary program of the meeting, which can count on the (greatly acknowledged) financial support of the Division. Five internationally renowned scientists have agreed to give lectures on various timely topics.

Personnel Changes in the Section Board

There were no changes in the Board and the Section continues its business in the well established constitution.

Outlook 2012

Organization of the Swiss Photochemistry Meeting in Villars-sur-Ollon (VD), 25 – 28 August 2013.

Swiss Young Chemists' Association (SYCA)

www.youngchemists.ch/

Lars Ruddigkeit

Conferences and Activities

10th Swiss Snow Symposium

From February 10th to 12th, 2012 members of the Swiss Young Chemists' Association met in Lenk im Simmental, for the 10th Swiss Snow Symposium. The weekend began with Prof. em. Schatz lecture, entitled, “How to Succeed in Science”. This was followed by 5 different student presentations related to the drug discovery field. On Saturday many students enjoyed the sunshine and braved the freezing temperatures skiing down the local mountains or enjoying the international husky dog race. The afternoon program started with the lecture of Prof. Hilvert on the topic, “Teaching old enzymes new tricks” followed by Prof. Kubinyi's lecture “Reflections on discovery in science”. After five student presentations from various fields a poster session finished the scientific part of the day.

Visit of Syngenta



The visit began with a general introduction about research at Syngenta followed by a coffee break and a poster session where Syngenta scientists presented their work. Then we had a very nice lunch where participants had informal conversations. After lunch there was a tour around their biology and chemistry facilities.

Visit of CERN

The visit began with a general introduction about the science and discoveries done by CERN. Later we had the opportunity to visit two sites of CERN: the hydrogen source for the experiments and the computer center for data analysis and storage.

Outlook 2013

- 11th Swiss Snow Symposium in Saas Fee
Our guest speakers are Dr. M. Assfalg (Roche), Prof P. Chen (ETH) and Prof. S. Matile (University of Geneva). It will be a great opportunity for students to present their research in oral presentations and a poster session.
- Industry visits are in planning progress.
- Visit of the Noble lectures together with Austrian and German Young Chemists.

Division of Analytical Chemistry (DAC)

www.scg.ch/DAS/

Prof. Gérard Hopfgartner

Conferences and Activities

SCS Spring Meeting 2012

The DAC organized in Geneva (UniMail) on February 16, 2012, the Spring Meeting around the topic: new development in analytical chemistry. Outstanding presentations of by leading scientists in various field of analytical chemistry were given. Please find further details in the section of DFR.

APPLICA 2012

The 6th APPLICA Conference was hold in Oekolampad in Basel on October 16, 2012. This year the topic was “Trennanalytik im Wandel Schneller - Selektiver – Sensitiver, Fachseminar mit Ausstellung, Workshops und Posterschau, organisiert von DAC/SCG, SVC, Sekulab und infoMac“. The new format and

location of the event was very successful and 124 participants attended the meeting (<http://www.sach.ch/applica.html>). The next APPLICA is planned for 2014.

MSB2012

The DAS has financially supported via direct contributions the 27th International Symposium on MicroScale BioSeparations and Analyses (MSB2012), which was held in Geneva from 12-16 February 2012. (www.msb2102.org)

Continuous education courses

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

Highlights of Analytical Chemistry in Switzerland column

Veronika Meyer successfully coordinates, the Highlights of Analytical Chemistry in Switzerland column in CHIMIA, which presents analytical research in Switzerland.

Outlook 2013

- Continuous education: During 2013 the DAC will propose in collaboration with the CCCTA various courses in the field of analytical chemistry. Additional information can be obtained on the website (<http://www.scg.ch/education>) or via mail from verena.schmid@eawag.ch.
- The DAC is supporting the Swiss Food Science Meeting (SFSM) meeting which will be held 2013 June 27-28, 2013 Université de Neuchâtel on the topic Current and Future Food Safety Issues: Not Intentionally Added Substances (NIAS) (<http://www.kal.ch/sfsm2013>).

Division of Industrial Chemistry (DIC)

www.scg.ch/DIAC/
Dr. Walter Jucker

Tagungen, Konferenzen und weitere Aktivitäten

Mitgliederversammlung 2012 bei CABB in Pratteln

Der General Manager des Custom Manufacturing von CABB, Dr. Robert Dahinden war unser Gastgeber und er begleitete uns den ganzen Tag. Die Führung in der Chlorelektrolyse, der SO₃-Anlage und der Mehrzweckanlage zeigte die vielfältigen Möglichkeiten des Spezialchemiekonzerns auf.

Die Divisionsrechnung 2011 schloss mit einem Überschuss von 1'663.43 Franken ab. Der Vorstand stellte sich geschlossen zur Wiederwahl und wurde einstimmig bestätigt. Die Eckpunkte der Neuausrichtung der SCG wurden vorgestellt und erläutert.

Massnahmen aus dem Strategieworkshop der SCG

Die DIC wird ab 01. Januar 2013 unter dem neuen Kürzel DIAC firmieren. Mit der Erweiterung um die angewandte Chemie sollen der industriellen Praxis Rechnung getragen und neue Mitglieder angesprochen werden. Die bisherigen Aktivitäten wie Mitgliederversammlung in einem chemischen Betrieb, Freiburger Symposium und Chimia Sonderheften werden weiter gepflegt und aktiver beworben. Neu möchten wir nicht-profitorientierte Ausbildungsveranstaltungen im Fachbereich mit einem finanziellen Beitrag unterstützen können. Erstmals empfehlen wir unseren Mitgliedern sich über LinkedIn zu vernetzen. Das Angebot eines Salär Vergleichs für Chemiker ist in Evaluation. Der Vorstandsworkshop fand erstmals im Ausland, im Syngenta Werk Aigues Vives statt. Dieses Werk wird von unserem Vizepräsidenten, Bernhard Urwyler geführt. Zu Handen der nächsten Mitgliederversammlung wurden Anpassungen an den Statuten und ein Vergabereglement erarbeitet.

Personalmutationen im Vorstand

- Der Vorstand stellte sich geschlossen zur Wiederwahl.
- Auf die Mitgliederversammlung 2013 demissioniert Prof. Dr. Olivier Naef, da er in die Leitung der HES-SO promoviert wurde. In der neuen Funktion fehlt ihm der direkte Kontakt zur Chemieabteilung der EIF Fribourg. Ein neues Mitglied wird innerhalb der EIF gesucht, damit der enge Kontakt zum Freiburger Symposium erhalten bleibt.

Ausblick 2013

- Die Mitgliederversammlung 2013 findet bereits am Donnerstag, 21. März 2013 im Novartis Campus statt. Neben den statutarischen Geschäften wird erstmals der Sandmeyerpreis im Rahmen der DIAC Mitgliederversammlung verliehen. Nutzen Sie den Tag für die Pflege Ihres Netzwerks und verleihen Sie der Sandmeyerpreisübergabe mit Ihrer Teilnahme einen würdigen Rahmen.
- Das 11. Freiburger Symposium findet wegen der ILMAC bereits im Frühjahr am 25. / 26. April 2013 statt. Es ist dem aktuellen Thema „From Reaction to Technology Trends in the Chemical Production“ gewidmet.
- Für die ILMAC sind wir an der Organisation einer Forschungsplattform für Fachhochschulen im Bereich der angewandten Chemie und Life Sciences beteiligt.

Division of Medicinal Chemistry (DMC)

www.scg.ch/DMCCB/
Karl-Heinz Altmann

Conferences and Activities

GDCh/SCS workshop on "Future Medicinal Chemistry"

Joint workshop with the Medicinal/Pharmaceutical Chemistry sections of the GdCh on the topic „Future Medicinal Chemistry“ (Kloster Seon, Germany, Jan. 21-23). The meeting included participants from both industry and academia and was characterized by very lively discussions.

A meeting report has been published: Brenk, R.; Rauh, D. Change or be changed. *Bioorg. Med. Chem.* 2012, 20, 3695-3697.



10. Swiss Course on Medicinal Chemistry

10th Swiss Course on Medicinal Chemistry, Leysin

The course was held on Oct 14-19, 2012 and was well attended (120 participants). As usual, the meeting was perfectly organized by Prof. Beat Ernst and Dr. Gerhard Müller, who had been able to assemble an excellent group of speakers and tutorial organizers.

Minisymposium „Epigenetic Targets: New Opportunities for Medicinal Chemistry“, University of Basel, June 7.

The event featured four excellent presentations by experts in the field of epigenetics and epigenetics-directed drug discovery. Unfortunately, attendance of the event was somewhat lower than in previous years.

EFMC-ISCM 2012

Participation in the organization of the “EFMC-ISCM 2012: 22nd International Symposium on Medicinal Chemistry” meeting, Sept. 2-6, Berlin, Germany). (Local Organizing Committee).

Outlook 2013

- Frontiers in Medicinal Chemistry, Joint German-Swiss Meeting on Medicinal Chemistry, March 17-20, 2013, Munich, Germany.
- Session medicinal chemistry at the fall meeting 2013.

Division of Polymers and Colloids (DPC)

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

Bettina Steinmann

Conferences and Activities

PolyColl 2012

The annual conference of our division took place at the University of Fribourg on April 20, 2012. About 80 participants attended the conference and 26 posters were presented. For the second time, our division awarded a prize for an outstanding PhD thesis in the field of polymers or colloids based on a single publication drawn from the student's PhD thesis. This second DPC PhD Thesis Award was distributed to Dr. Georgios A. Sotiriou for his PhD thesis with the title: Understanding the Toxicity of Nanosilver for Synthesis of Biocompatible Plasmonic-Superparamagnetic Nanocomposites.

Polymers and Colloid Session at the SCS Fall Meeting

As part of the SCS Fall Meeting on September 13 at ETH Zürich, we organized our parallel session about Polymers and Colloids. The two invited speakers Prof. Ulf Olsson and Prof. Brigitte Voit opened the morning and afternoon sessions, followed by a total of 10 lectures and 7 poster talks. The rest of the 52 contributions was presented as posters. The SCS Metrohm Prize for the best oral presentations went to Lucio Isa, ETH Zurich and Maren Schulze, University of Fribourg. The SCS DSM Prize for the best poster presentations were awarded to Payam Payamyar, Vincent Diedrich and Vladimir Torbeev, all from ETH Zurich.

Polyelectrolytes 2012

The 9th International Symposium took place from July 9th to 12th in Lausanne. Our board members Raffaele Mezzenga and Matthias Schultz were co-organizers of the micro-symposium "Polyelectrolytes in Fragrances, Flavors, Food and Pharmaceuticals".

Outlook 2012

- PolyColl 2013 will take place at the University of Basel on June 7, 2013. The candidates of the DPC Best Thesis Award 2013 will be invited to present their work. Nominations can be handed in until end of February 2013.
- Issue 11/2013 of *Chimia* will be dedicated to "Polymer Chemistry". Our board member Harm-Anton Klock will be the editor.

Swiss Association of Computational Chemistry (SACC)

Jürg Hutter, *President*

Conferences and Activities

SACC Spring Meeting

The Association held its Spring Meeting on February 15th 2012 in Berne. There were four invited talks by Dr. Peter Gedeck (Novartis), Prof. Clemence Corminboeuf (EPFL), Dr. Daniele Passerone (EMPA), and Prof. Thomas Bürgi (Geneva). For the first time a poster session was organized, giving young scientists, mainly PhD and post-doctoral students, an opportunity to present their research.

SACC Fall Meeting

As in earlier years, the SACC Fall Meeting coincided with the SCS Fall Meeting, held at ETH Zurich on September 13th. The session on Computational Chemistry was organized by Profs. Markus Meuwly (Basel) and Jürg Hutter (Zurich). There was a total of 17 contributed talks by young scientists. The talks were very well attended. In addition, a poster session (38 posters) was held.

Number of Members and trend and changes in the board

- Members as per 31.12.2012: not available

- Tendency over the past 5 years: not available
- Prof. Michele Cascella (Berne) was elected into the Board at the 2012 SACC Spring Meeting. He replaces Prof. Samuel Leutwyler who served on the Board for many years, and whose contribution to the SACC was acknowledged with applause.

Outlook 2013

- The Association will hold its Spring Meeting on February 15, 2013 in Berne. The program includes a poster session and six scientific talks.
- The SACC Fall Meeting will be held as part of the SCS Fall Meeting at EPF Lausanne.

Verein Schweizerischer Naturwissenschaftslehrer (VSN):

www.vsn.ch, www.sspn.ch, www.asisn.ch

Dr. Klemens Koch

Tagungen, Konferenzen und weitere Aktivitäten

- Journée de Démonstrations 2012, 11 septembre 2013, Ecole polytechnique de Lausanne, Weiterbildungsanlass für Lehrkräfte
- Zentralkurs 2012, 8.-10. Oktober, Kantonsschule Rämibühl ZH, Weiterbildungsanlass für Lehrkräfte
- Verschiedene Weiterbildungsanlässe der commission romande de biologie CRC und der commission romande de chimie
- Gestaltung neuer webiste www.vsn.ch, www.sspn.ch und www.asisn.ch.
- Div. Beratungen und Stellungnahmen bei der Erstellung von Lehrplänen
- Einsatz für hohe Unterrichtsqualität und gegen Zentralisierung und Nivellierung.

Mitgliederentwicklung

Der Mitgliederstand ist praktisch unverändert bei 482.

Changes in the Board

- End of 2012: Hansruedi Felix left the board, Christine Guesdon entered.

Outlook 2013

- Journée de Démonstrations 2013, septembre 2013, École polytechnique fédérale de Lausanne, Weiterbildungsanlass für Lehrkräfte
- Mitwirken an Conférence Transition Gymnase – Université 2. – 3 September 2013, Université de Lausanne
- Kongress 2013 « Science et cuisine » 24. – 26. Oktober 2013, Sitten: Interdisziplinärer Weiterbildungsanlass für Lehrkräfte der Mathematik-, Physik-, Chemie- und Biologie.

GSASA, Schweizerischer Verein der Spital- und Amtsapotheker

www.gsasa.ch

Dr. Susanna Kussmann



Tagungen, Konferenzen, Symposien, weitere Aktivitäten

Versorgungssicherheit mit Medikamenten / Lieferengpässe
Nachdem Lieferengpässe mit Arzneimitteln in der Tagespresse weitverbreitet thematisiert wurden, machte die Arbeitsgruppe der GSASA in einem mit harten Zahlen hinterlegten Bericht deutlich (pharmaJournal 10/5.2012), dass Lieferengpässe keine Versäumnisse der Spitalapotheken sind. Kurz darauf lud das BAG verschiedene Interessensvertreter (u.a. auch die GSASA) zu einer Plattform-sitzung ein. Um der Angelegenheit Vorschub zu geben, verfasste die Arbeitsgruppe der GSASA daraufhin Empfehlungen zum Umgang mit Lieferengpässen für Industrie, Behörden und Spitalapotheken. Diese GSASA-Empfehlungen

wurden dann im Oktober an Exponenten aus Politik und Wirtschaft verschickt, um schneller an das definierte Ziel einer offiziellen Informationsplattform zu kommen. Weitere Informationen: <http://www.gsasa.ch/seiten/aktivitaeten/Berufspolitik>

Empfehlungen Sound alike - Look alike

Eine Arbeitsgruppe unter der Leitung der GSASA und bestehend aus Vertretern der Stiftung für Patientensicherheit und der pharmazeutischen Industrie hat Empfehlungen zur Vermeidung von Arzneimittelverwechslungen aufgrund ähnlich klingender Bezeichnungen (Sound alike) und ähnlich aussehender Verpackungen (Look alike) erarbeitet. Diese Empfehlungen wurden von allen beteiligten Organisationen – insbesondere auch der Vereinigungen der pharmazeutischen Industrie - genehmigt und wurden von einzelnen arzneimittelproduzierenden Unternehmen bereits aufgenommen. <http://www.gsasa.ch/seiten/qualitaet-sicherheit/risikomanagementkonzept-gsasa>

GSASA-Kongress 2012 : Weiterentwicklung einer Spitalapotheke: Die Strategie des Erfolgs

Der alljährliche Kongress mit vorangehender Generalversammlung ist der Höhepunkt des GSASA-Vereinslebens schlecht hin und fand vom 14. bis 16. November 2012 im Kultur- und Kongresszentrum Trafo in Baden statt. Das diesjährige Thema war dem Management einer Spitalapotheke gewidmet. Über 300 Teilnehmende aus Spital und Industrie profitierten von einem hochstehenden und abwechslungsreichen Programm aus Plenarsessionen, mündlichen Mitteilungen und Posterdiskussionen sowie einer grossen Industrieausstellung.

Mitgliederentwicklung

Per Ende 2012 gehören dem GSASA 403 Mitglieder an. Dies sind 19 mehr als 2011 und 70 mehr als noch vor 5 Jahren.

Ausblick 2012

- E-Newsletter: das vierteljährlich erscheinene, gedruckte GSASA-Journal wird per 2013 durch einen E-Newsletter abgelöst. Die erste Ausgabe ist für Februar 2013 geplant.
- Unter dem Titel „Medikationssicherheit an Übergängen - von Schnittstellen zu Nahtstellen“ organisiert die GSASA in enger Zusammenarbeit mit der Stiftung für Patientensicherheit am 23. April 2013 eine interdisziplinäre Tagung. Weitere Informationen und Anmeldung unter www.gsasa.ch
- Vom 27. bis 29. November 2013 finden in Montreux zum 18. Mal die Journées Franco Suisse de Pharmacie Hospitalière (JFSPH) statt.

Swiss Society for Food and Environmental Chemistry (SSFEC/SGLUC)

www.sgluc.ch

Dr. Hans Jörg Bachmann, President

**SGLUC
SSCAE
SSCAA
SSFEC**

Tagungen, Konferenzen, Symposien, weitere Aktivitäten

- The main event of this year was the general assembly which took place at the PTC Orbe of Nestlé. In addition of the statutory affairs an interesting presentation on the production and enjoyment of coffee products was given. Highlight of the day was the visit of the Nespresso factory with excellent explanation of the details of the sophisticated production process. Of course tasting of Nespresso coffee and product samples were included. The lunch offered by the society offered the possibility to maintain contacts and to mutual exchange. According to the echoes it was an interesting and successful event.

Number of Members and trend (for Member Societies only)

- Members as per 31.12.2012: 300
- After a decline we succeeded to gain more new members.

Outlook 2013

- 2013 "Current and Future Food Safety Issues: Not Intentionally Added Substances (NIAS)", which will take place June 27/28 at the University of Neuchâtel (www.kal.ch/sfsm2013).

Swiss Group for Mass Spectrometry (SGMS)

Dr Marc J-F Suter, President



Conferences and Activities

IMSC2014

Renato Zenobi (Chair of the IMSC2014) and Marc Suter (President SGMS and Co-Chair IMSC2014) presented the upcoming 20th International Mass Spectrometry Conference at this year's IMSC in Kyoto. The conference will be hosted by the CIGC in Geneva, August 24-29, 2014.



SGMS meeting

This year's SGMS meeting in Beatenberg attracted 120 participants. Four internationally renowned speakers presented their current research: Gerard Meijer (Radboud Univ., Nijmegen, NL) talked about taming beams of neutral molecules, Oliver Fiehn (UC Davis, CA, USA) about databases for metabolomic research, Albert Heck about native mass spectrometry and its role in studying protein complexes, and Renato Zenobi (ETHZ) about new developments in ambient mass spectrometry. Three doctoral students participating free of charge at the meeting presented their work and Silvan Stucki from the Schürch group (University of Bern) received the 2012 SGMS Student Award for the best student presentation.

SGMS Award

The SGMS has decided to launch the SGMS Award in 2014. The exact requirements for nominations will be decided at the meeting of the SGMS board in January 2013 and then published on our site (www.sgms.ch).

Number of Members and changes in the board

- Members as per 31.12.2012: 177
- Tendency over the past 5 years: more or less unchanged
- The board was reelected for another two years.

Outlook 2013

- MS education and training: Mass Spectrometry in Biotechnology and Medicine, Summer School co-organized by Yury Tsybin (EPFL) to be held in Dubrovnik, Croatia, July 7-13 (www.msbm.org)
- 31st Annual SGMS Meeting, Hotel Dorint, Beatenberg, October 31 – November 1
- PhD students presenting will again participate free of charge.

Berne, January 2013