



**SCG**  
Schweizerische  
Chemische  
Gesellschaft

**SSC**  
Société  
Suisse  
de Chimie

**SCS**  
Swiss  
Chemical  
Society

## Annual Report 2011 for new Members

Published in CHIMIA Volume 66, No 1-2/2012

### Editorial

L'Assemblée générale des Nations Unies a déclaré 2011 «Année Internationale de la Chimie» (AIC 2011). Les yeux brillants des enfants et les visages émerveillés des jeunes comme des moins jeunes témoignent de la réussite des conférences, cours expérimentaux et expositions organisés dans le cadre de l'AIC. Nous espérons que l'impact produit se confirmera sur la durée et que la chimie et les branches apparentées à la chimie s'imposeront comme des sciences fascinantes et nécessaires dans toutes les couches de la société. La SSC relèvera le défi avec une grande volonté.

L'environnement économique a été particulièrement difficile en 2011. Du fait de la force du franc et de l'incertitude des marchés dans le monde entier, le secteur chimique et pharmaceutique a lui aussi dû faire face à une violente tempête qui a engendré une forte réduction des quantités et des marges d'exportation. Les instituts de recherche publics font eux aussi les frais de ces nouvelles conditions cadre. La pression liée à la performance et la réussite ne cessant d'augmenter, la collecte de fonds pour les projets se révèle de plus en plus laborieuse. Dans cet environnement difficile, les innovations et les réussites dans le domaine de la recherche fondamentale qui exigent une collaboration étroite entre les universités et l'industrie sont la clé du succès. En 2011 également, la Société Suisse de Chimie s'est efforcée de consolider un environnement adéquat et de contribuer au succès de la chimie et des branches apparentées à la chimie.

Outre les activités qui se sont déroulées dans le cadre de l'Année Internationale de la Chimie, les congrès organisés ou soutenus par la SSC, l'attribution des cinq prix, la quarantaine de cours de formation ainsi que la collaboration fructueuse avec des organisations nationales et internationales comptent parmi les temps forts de l'année 2011.

Prof. E. Peter Kündig  
Président

David Spichiger  
Secrétaire général

The UN declared 2011 as the International Year of Chemistry. With the slogan «Chemistry – our life, our future» the benefit of Chemistry should be shown and the fascination for Sciences should be provided to a broad audience. Furthermore 2011 was the centenary of the Nobel award ceremony to Marie Curie.

### SCG Events 2011 at a Glance

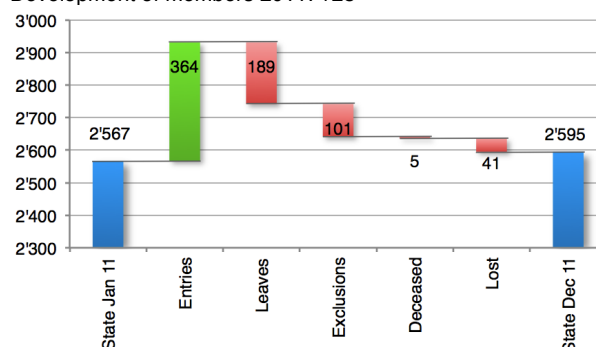
[www.scg.ch/events](http://www.scg.ch/events)

David Spichiger

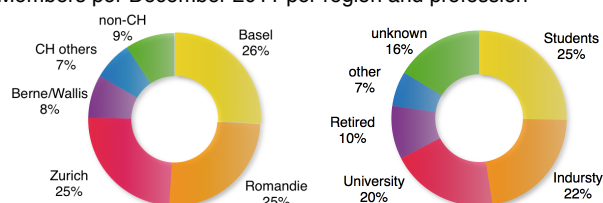
|             |   |
|-------------|---|
| 04.-06. Feb | 9th Swiss Snow Symposium by SYCA  |
| 10. Feb     | The Never Ending Hydrogen Story: New Insights into Chemical Activation and Storage Processes (Spring Meeting) |
| 15. Feb     | Open ceremony for the International Year of Chemistry 2011 in Switzerland                                     |
| 20-23. Mar  | Frontiers in Medicinal Chemistry  |
| 29. Apr     | PolyColl 2011   |
| 26 May      | General Assembly of the SCS Division of Industrial Chemistry  |
| 09. Sep     | SCS Fall Meeting and General Assembly   |
| 29.-30. Sep | «Standortsicherung durch technologischen Fortschritt» (10. Freiburger Symposium)                              |
| 28. Oct     | SCS-Syngenta IYC 2011 Symposium   |

### Member Statistics

Development of members 2011: +28



Members per December 2011 per region and profession



### Executive Board and SCS Board

David Spichiger

#### Executive Board

- Prof. E. Peter Kündig, University of Geneva  
SCS President
- David Spichiger, Swiss Chemical Society  
SCS Executive Director
- Dr Roland Kunz, University of Zurich  
CHIMIA
- Dr Bernhard Scholl, F. Hoffmann–La Roche AG  
SCS Treasurer

#### SCS Board (additionally to the Executive Board members)

- Prof. Karl-Heinz Altmann, ETH Zurich  
President Division of Medicinal Chemistry
- Prof. Gérard Hopfgartner, University of Geneva  
President Division of Analytical Chemistry
- Dr Walter Jucker, DSM Nutritional Products AG  
President Division of Industrial Chemistry
- Prof. Jacques-E. Moser, EPFL Lausanne  
Member of the Board
- Prof. Philippe Renaud, University of Bern  
President Division of Chemical Research
- Prof. Jay S. Siegel, University of Zurich  
Delegate EuCheMS and scienceindustries
- Dr Bettina Steinmann, 3D Systems SA  
President Division of Polymers und Colloids
- Dr Martin Vollmer, Clariant International Ltd  
Member of the Board

Prof. Frédéric Merkt, former President of the Division of Chemical Research, stepped down in 2011. We would like to thank him very much for his enormous engagement for the SCS. Prof. Philippe Renaud and Dr Martin Vollmer joined the board. David Spichiger took over the responsibility for the head office as the society's Executive Director and succeeds Dr. Lukas Weber, who left the society after four years in this function.

## SCS Award Winners 2011

David Spichiger

The Swiss Chemical Society awarded five individuals and one group for their outstanding contributions. A total sum of CHF 40'000 as well as medals and award certificates were given to the prize winners.

### Werner Prize

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



**Professor Dr Xile Hu**, Institute of Chemical Sciences and Engineering, Ecole Polytechnique Fédérale de Lausanne (EPFL) in recognition of his excellent contributions to the discovery and development of selective and efficient cross coupling and C-H activation reactions.



and  
**Professor Dr Reto Dorta**, Institute of Organic Chemistry, University of Zurich for outstanding achievements in catalyst design using novel ligand-coordination modes to activate transition metals.

### Sandmeyer Award sponsored by KPMG

CHF 10,000 for individuals or CHF 20,000 for groups; awarded to a person or to a group for outstanding work in industrial or applied chemistry.



**PD Dr Peter Nesvadba,**  
**Dr Clemens Auschra,**  
**Dr Andreas Mühlebach,**  
**Dr Andreas Kramer,**  
**Dr Frank Pirrung,**  
**Dr Michael Oth,**  
**Dr Ralf Knischka,**  
BASF

„in Anerkennung ihrer Forschung über kontrollierte Polymerisation und neuartige Spezialpolymere“.

### Grammaticakis-Neumann Prize

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



**Dr Marina Kuimova**, Department of Chemistry, Imperial College London, UK for innovative use of photophysical techniques to make in site measurements in living cells.

### 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 (gymnasium) for innovation in chemistry teaching.



### Prof Dr Günter Baars

„in Anerkennung seiner Aufarbeitung der abstrakten Quantenchemie für den Unterricht und der Bereitstellung entsprechender Unterrichtsmaterialien in gedruckter und elektronischer Form“.

### 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.



**Mr Michael Brand**, Zürcher Hochschule für Angewandte Wissenschaften „für die Synthese und medizinisch-chemische Optimierung von Tetrazyklin-analoga“.

## 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 to all our divisional event sponsors that supported the SCS during the year.

|  |                   |   |
|--|-------------------|---|
|  | NOVARTIS          | KGF, Kontaktgruppe für Forschungsfragen                                       |
|  | Roche             | ▪ Gold Supporter of the SCS   |
|  | Merck Serono      | ▪ Support of the award program (Paracelsus Prize, Werner Prize, Balmer Prize) |
|  | syngenta          | ▪ Support of divisional Events  |
|  | BASF              | The Chemical Company  |
|  | Givaudan          | Givaudan SA   |
|  |                   | ▪ Gold Supporter of the SCS Foundation  |
|  | Lonza             | Lonza   |
|  |                   | ▪ Gold Supporter of the SCS Foundation  |
|  | ACTELION          | Actelion  |
|  |                   | ▪ Bronze Supporter of the SCS Foundation                                      |
|  | Metrohm           | Metrohm Stiftung  |
|  |                   | ▪ Sponsor Best Oral Presentations at the Fall Meeting                         |
|  | DSM               | DSM Nutritional Products SA   |
|  |                   | ▪ Sponsor Best Posters at the Fall Meeting                                    |
|  | KPMG              | KPMG  |
|  |                   | ▪ Sponsor of the Sandmeyer Awards   |
|  | sc   nat          | Support Organizations   |
|  | scienceINDUSTRIES | SWITZERLAND   |
|  | SATW              | Schweizerische Akademie der Technischen Wissenschaften                        |

## Highlights of the IYC 2011

www.chemistry2011.ch

David Spichiger, Barbara Winter (SCNAT)

### Opening Event in Berne, Febr 15, 2011



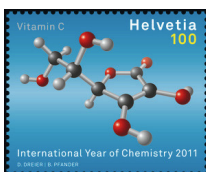
## IYC 2011

International Year of  
CHEMISTRY

More than 200 guest representing politics, economy and sciences attended the official opening ceremony of the IYC2011 in the Casino in Berne. Nobel prize winner in Chemistry, Richard Ernst called for closer collaboration between the domains and asked for more interdisciplinary and strategic thinking. A spectacular show about fragrance completed the interesting program.

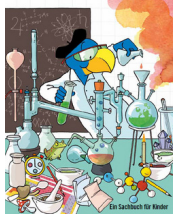
### Postal Stamp, Special Edition

Swiss Post in collaboration with the Platform Chemistry of the SCNAT and the SCS launched a special edition of a postage stamp showing vitamin C. SCS used this popular give-away to promote the IYC2011 to a broad audience.



### Chemie mit Globi

Globi forscht und entdeckt



### Chemistry with Globi

Globi, one of the Swiss children's national heroes, was taken by the Globi publishing house and the «Platform Chemistry» of the SCNAT to dispose Chemistry to the young generation. The content was defined and designed by Dr Barbara Winter from the «Platform Chemistry» together with a team of professors and high school teachers.

### «ChemiX», a new card game

"ChemiX" is an exiting and combinatorial game for 2 to 4 persons aged ten and above, that piques learner's interests in Chemistry and its related sciences in a playful way. Interpharma Educationals, SimplyScience and the Technorama in Winterthur in collaboration with the game publishing company Murnel initiated this card game.



### Coffee Creamer Coverages

Released by the Cremo Company the coffee creamer was distributed to restaurants and shops all over the country as of March 2011. More than 50 Mio creamers were produced.

### Les vies de Marie Curie, une femme dans l'histoire de la chimie

This comic that was published by Fiami recounts the life of Marie Curie in a fascinating and funny way.



### SCS-Syngenta IYC 2011 Symposium

This joint-symposium in Stein on Oct 28, was a great success and attracted scientists from industry as well as from university. The event focused on catalysis (bio-, organo- and organometallic) as a powerful tool to address the sustainability challenge in chemistry.

### Dimensionality, Zentrum Paul Klee, Nov 18, 2011

The annual congress of the SCNAT was the official closing event of the IYC2011 and focused on dimensionality, a central aspect in all fields of chemistry.

# CHIMIA

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

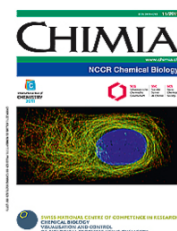
This year's issues were again organized and supervised by recognized specialists. It is with great pleasure that I thank them for all their voluntary work. Our guest editors in 2011 in the order of their appearance were: Prof. Pierre Vogel (EPF Lausanne), Prof. Thomas Feurer (University of Bern), Prof. Ursula Keller (ETH Zurich), Dr. Thomas Netscher (DSM Nutritional Products Basel), Prof. Paul J. Dyson (EPF Lausanne), Prof. Christian Bochet (University of Fribourg), Susi Sturzenegger (University of Geneva), Prof. Kai Johnsson (EPF Lausanne), Prof. Howard Riezman (University of Geneva), and Dr. Peter Maiefisch (Syngenta Crop Protection Mönchwil AG).

### Content

In 2011 (volume 65) the following issues were published:

- 1-2 Glycochemistry Today
- 3 Hot Topics and New Professors in Switzerland
- 4 Laureates: Awards and Honors, SCS Fall Meeting 2010
- 5 NCCR MUST: A New Swiss Research Priority in Molecular Ultrafast Sciences and Technology
- 6 Nutrition Chemistry in Switzerland
- 7-8 Scientific Fall Meeting 2011 of the Swiss Chemical Society (SCS)
- 9 Institute of Chemical Sciences and Engineering at the Ecole Polytechnique Fédéral de Lausanne
- 10 Institutional Young Fellows
- 11 NCCR Chemical Biology
- 12 Chemistry in China

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. The Division of Industrial Chemistry provided a series of popular scientific papers in a column devoted to the international year of chemistry IYC2011.



### CHIMIA online

CHIMIA is now 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*.

### Print and Advertisement

CHIMIA extended its collaboration with the Zürichsee Druckereien AG, ZSD, for another two years. ZSD was taken over by FO Print & Media AG, Egg, in December 2010, and as a consequence our journal is now printed at FO-Fotorotar since issue 6-7/2011. Another change concerns advertisements: SIGWERB GmbH in Zug succeeded the Zürichsee Werbe AG – formerly Kretz AG – in this tough business as of January 2011.

### Editorial Board and Outlook

There were no personnel changes to the editorial board in 2011. In 2013/14 the positions of the assistant editor and the editor in chief will both become available. The search for candidates that are willing to fill these voluntary positions is still ongoing.



**EuCheMS**

www.euchems.org

David Spichiger, Jay Siegel

### About EuCheMS

EuCheMS is a not-for-profit organisation and has 44 member societies which together represent more than 150'000 chemists in academia, industry, government and professional organisations 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, University of Zurich  
Member EuCheMS Executive Committee and President Division of Organic Chemistry
- Prof Heinz Gäggl, EPFL  
President Division of Nuclear and Radiochemistry
- Prof Walter Giger, EAWAG  
President Division of Chemistry and the Environment
- Prof Heinz Berke, University of Zurich  
Delegate Working Party on Chemistry and Energy
- Prof Thomas Bürgi, Université de Genève  
Delegate Working Party on Physical Chemistry
- Prof Silvio Decurtins, Universität Bern  
Prof Kay Severin, EPFL (new 2012)  
Delegate Division of Inorganic Chemistry
- Prof Urban Frey, HESSO/VS  
Delegate Division of Analytical Chemistry
- Prof Umberto Piantini, HEVS  
Delegate Division of Food Chemistry
- Dr. Thomas Gude, SQT/Migros  
Delegate Division of Food Chemistry
- Prof Thomas Ward, University of Basel  
Delegate Division of Organometallic Chemistry
- Prof Wolf-Dieter Woggon, Universität Basel  
Delegate Division of Chemistry in Life Sciences
- Prof Jean-Louis Reymond, Universität Bern  
Delegate Scientific Committee, 5th EuCheMS Congress
- Prof Michael Graetzel, EPFL  
Delegate Working Party HORIZON 2020
- Prof Kay Severin, EPFL  
Delegate Division of Inorganic Chemistry

### Conferences, Activities and News

*New Roadmap: Developing solutions in a changing world*  
Global change is creating enormous challenges relating to energy, food, health, climate change and other areas. Action is both necessary and urgent. EuCheMS is fully committed to meeting these challenges head on. They have identified the following areas with high priorities in the future framework program:

- Breakthrough Science
- Energy
- Resource Efficiency
- Health
- Food

The roadmap is available on the EuCheMS internet page.

### EuCheMS General Assembly in Belgrad

Luis Oro (EuCheMS President) chaired the EuCheMS General Assembly hosted by the Serbian Chemical Society on October 13 to 14. About 60 participants whereof 5 members of the Swiss Chemical Society joined the Assembly and discussed strategic topics.

### Environmental chemistry: ICCE 2011 in Zurich

The conference emphasis was on emerging issues in environmental chemistry: from basic research to implementation. During three days 116 talks and 220 posters were presented. About 460 participants from 52 countries from all continents attended the conference.

### Closing of the International Year of Chemistry in Brussels

The closing ceremony of the International Year of Chemistry took place on 1 December 2011. At the closing ceremony high level speakers and young leaders explored and debated how chemistry is vital for solving our most critical global problems including food, water, health, energy, habitat and more.

### Outlook 2012/14

- 4th EuCheMS Chemistry Congress  
August 26-30, 2012; Prague, Czech Republic  
<http://www.euchems-prague2012.cz/>



- 5th EuCheMS Chemistry Congress  
August 31 – September 4, 2014; Istanbul, Turkey  
<http://www.euchems-istanbul2014.org/>



### Division of Chemical Research DCF

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

### Conferences and Activities

#### Spring Meeting 2011, University of Zurich

Heinz Berke, Koushik Venkatesan, and Ferdinand Wild organized the Spring Meeting on February 10, 2011 at the University of Zurich. The topic chosen was "The Never Ending Hydrogen Story: New Insights into Chemical Activation and Storage Processes". Outstanding presentations by leading scientists in the field such as Hans-Joachim Müller, Barbara Streppel, Andreas Züttel, Tom Baker, Douglas Stephan, Gerhard Erker, and Gregory Kubas, have largely contributed to the success of the meeting. Two further lectures by Reto Dorta (Werner Prize winner 2011) and by the BASF team (Sandmeyer Award winner 2011 sponsored by KPMG) completed the program of this fascinating day. A very good attendance of over 200 people was reached.

#### Fall Meeting 2011, EPFL Lausanne

Sandrine Gerber (picture) organized the SCS Fall Meeting on September 9 2011 at the EPF Lausanne. With 518 scientific contributions and close to 900 participants, the meeting confirmed its popularity within the community of chemists in Switzerland. Parallel sessions in the following fields were organized:

- analytical chemistry
- medicinal chemistry
- computational chemistry
- inorganic and coordination chemistry
- organic chemistry
- physical chemistry
- polymer science

A good combination of invited lectures, oral presentations and poster sessions kept the participants busy during the whole day. The program started in the morning by a lecture by Xile Hu



(Werner Prize winner 2011) and Marina K. Kuimova (Grammatikakis-Neumann Prize Laureate 2011). 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 (best oral presentations, 16 awards) and SCS–DSM Prizes (best poster presentations, 23 awards). The awarded research works will be presented in a special issue of CHIMIA (April 2012) dedicated to the SCS-laureates and awards.

The DCF board thanks again Sandrine Gerber and Heinz Berke as well as their organizing teams for the success of both events.

#### Support to conferences.

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

- The 46th EUCHEM Conference on Stereochemistry
- The Faraday Discussion 150 "Frontiers in Spectroscopy"
- 3rd International Meeting on Nuclear Dynamic Polarization
- Symposium für Theoretische Chemie STC 2011
- 1st Swiss Heterogeneous Catalysis Meeting
- Chemodynamics and Biointerfaces: Bioavailability and Biological Effects of Chemicals in the Environment

### Swiss Young Chemists Association (SYCA)

[www.youngchemists.ch/](http://www.youngchemists.ch/)  
Lars Ruddigkeit

#### Tagungen, Konferenzen, Symposien, weitere Aktivitäten

##### 9th SwissSnowSymposium 2011

Möglichkeit für junge Chemiker ihre Arbeit zu präsentieren.

##### SwissArma Besuch

Das LaborSpiez wurde besucht <http://www.labor-spiez.ch/en/index.htm>. Hierbei hatten wir die Möglichkeit, auch ihre analytische und organische Arbeitsgruppe zu treffen, die sich mit dem Nachweis und der Synthese von organischen Kampfstoffen beschäftigen. Auch das Hochsicherheitslabor konnte besichtigt werden.

##### Nobel Lectures 2011

Organisierter Wochenausflug nach Stockholm zusammen mit MyGÖCH und GDCh. Sowohl die Nobel Vorträge der Chemie und Physik als auch verschiedene Sehenswürdigkeiten wurden besucht. Zusätzlich fand ein Abschlussessen im Restaurant "Pelikan" statt.

#### Personalmutationen im Vorstand:

- Lars Ruddigkeit, Uni Bern (Bild) ist neuer Präsident und löste Dr. Marco Engeler nach 2 Amtsjahren ab.
- Alexander Tskhovrebov, EPFL ist neuer Vize-Präsident und löste Lars Ruddigkeit nach 1 Amtsjahr ab.
- Gleb Sorohov, Uni Bern ist der neue EYCN-Representative und löste Nicolas Uhlich nach 2 Jahren ab.



#### Ausblick 2012

- 10th SwissSnowSymposium 10.-12. Februar 2012  
Traditionelles Treffen der Jungchemiker um Vorträge über ihre Arbeit zu halten und Poster zu präsentieren.
- Syngenta Besuch 23. März 2012  
Organisiert von Alexander Tskhovrebov und einem Komitee von Syngenta

### Division of Analytical Chemistry DAC

[www.sach.ch](http://www.sach.ch)  
Prof. Gérard Hopfgartner

#### Conferences and Activities

##### ANAKON 2011

This conference, which is run by the German, Swiss, and Austrian Chemical Societies, is one of the largest and most important meetings in Europe in analytical science and related areas. It was for the first time organized in Switzerland from March 22-25, 2011, on the Hönggerberg campus of the ETH Zürich. ANAKON 2011 was a big success, with over 500 scientists participating, and over 20 companies exhibiting their products and services. With sessions on separation science, miniaturization, sensors, bioanalysis, spectroscopy, nanoanalysis & imaging, elemental analysis, industrial & process analysis, environmental analysis, and instrumentation, the program was packed with state-of-the-art research and development.

Chair: Prof. Renato Zenobi.

##### Biotech 2011 Conference

Over 160 experts from more than 10 countries attended this year's conference at the Zurich University of Applied Sciences in Wädenswil on September 1-2, 2011. With its focus on trends in sensor technology, bioprocess analytics and applications in single-use devices the conference successfully promoted the exchange between experts from industry and academia.

Chair Dr. Caspar Demuth, [www.biotech2011.ch](http://www.biotech2011.ch)

##### 13th EuCheMS International Conference on Chemistry and the Environment ICCE 2011

The conference took place September 11-15, 2011 at ETH Science City Campus Hönggerberg in Zurich. DAC in cooperation with the GDCh Division of Environmental Chemistry and Ecotoxicology hosted the conference that was attended by 465 registered participants from 52 countries. The conference emphasis was on Emerging Issues in Environmental Chemistry: from basic research to implementation. The ICCE 2011 provided a unique communication and discussion platform for environmental scientists with emphasis on chemistry and ecotoxicology

Chair Prof. Walter Giger, [www.icce2011.org](http://www.icce2011.org)

##### Continuous education

The DAC in collaboration with the CCCTA (courses in French) organizes various continuous education courses in the field of analytical chemistry. During the year 2010-2011 the DAC organized 40 courses involving 286 participants.

#### Outlook 2012

- Spring Meeting 2012  
The DAC organizes the the Spring Meeting around the topic: New Development in Analytical Chemistry; February 16, 2012
- Continuous education  
During 2012 the DAC will propose in collaboration with the CCCTA various courses in the field of analytical chemistry. Additional information can be obtained on the DAC website on [www.sach.ch/ausb\\_d.html](http://www.sach.ch/ausb_d.html).

### Division of Industrial Chemistry DIC

[www.scg.ch/DIC/](http://www.scg.ch/DIC/)  
Dr. Walter Jucker

#### Tagungen, Konferenzen, Symposien, weitere Aktivitäten

##### Mitgliederversammlung 2011 bei Syngenta, Werk Stein

Aus Anlass des IYC wurde ein hochkarätig besetztes Podium zum Thema "Chemie – Lösung oder Problem" von Dr. Bernhard Urwyler organisiert. Unter der Leitung von Tagesschaumitarbeiter, Steffen Lukesch diskutierten Franziska Teuscher, Präsidentin Konsumentenforum Kf Schweiz, Sergio Bellucci, Geschäftsführer TA Swiss, Christoph Brutschin, Regierungsrat BS und

Christoph Mäder, President SCGI. Der Bundesratsentscheid zum Ausstieg aus der Kernenergie diente als roter Faden für eine engagierte und kurzweilige Talkrunde. Die ausgezeichnete moderierte Diskussion drehte sich um Risiko- und Technikakzeptanz, das reduzierte Interesse an naturwissenschaftlicher Ausbildung, die Rolle der Medien und die volkswirtschaftliche Bedeutung der Chemischen Industrie.

#### 10. Freiburger Symposium



Seit der Erstaufgabe des Freiburger Symposiums sind nun 21 Jahre vergangen. Zusammen mit der Fachhochschule Freiburg hat die DIC das Symposium konsequent auf die Bedürfnisse der produzierenden Chemiker ausgerichtet. Das Jubiläumssymposium wurde dem hochaktuellen Thema „Standortsicherung durch technologischen Fortschritt“ gewidmet. Die Referate waren ausnahmslos sehr gehaltvoll und professionell vorgetragen. Die Rückmeldungen der Teilnehmer waren ebenfalls sehr positiv. Sie wünschen sich, dass auch die sprachliche Vielfalt der Präsentationen als spezielles Erkennungszeichen des Freiburger Symposiums erhalten bleibt. Erstmals wurden alle Präsentationsfolien als Handout den Teilnehmern abgegeben.

Teilnehmer waren ebenfalls sehr positiv. Sie wünschen sich, dass auch die sprachliche Vielfalt der Präsentationen als spezielles Erkennungszeichen des Freiburger Symposiums erhalten bleibt. Erstmals wurden alle Präsentationsfolien als Handout den Teilnehmern abgegeben.

#### Populärwissenschaftliche Beiträge zum IYC in der Chimia

Im Rahmen der IYC-Aktivitäten organisierte die DIC eine Kolumne im Chimia mit populärwissenschaftlichen Beiträgen. Diese sollten aufzeigen, dass das moderne Leben ohne Anwendungen der Chemie schlicht unvorstellbar wäre. Die Kurztitel behandelten so verschiedene Themen wie Hochleistungskunststoffe, Waschmittelzusätze, Nahrungsmittelzusätze, mikroverkapselte Riechstoffe, Papierherstellung, Antikörper – Wirkstoffkonjugate und Naturstoffsynthese.

#### Ausblick 2012

- Mitgliederversammlung 2012  
Die Mitgliederversammlung 2012 findet am 10. Mai 2012 in der Firma CABB AG in Pratteln statt. Reservieren Sie sich den Tag mit interessanten Präsentationen und einer eindrücklichen Betriebsbesichtigung.
- Sonderheft Chimia  
Der Vorstand wird ein Chimia Sonderheft zum Thema „Energieeffizienz“ redigieren. Die Publikation ist anfangs 2013 vorgesehen.
- 11. Freiburger Symposium  
Das 11. Freiburger Symposium wird im Frühling 2013 stattfinden, um eine Terminkollision mit der ILMAC zu vermeiden. Das Thema wird im Laufe des Jahres 2012 festgelegt und die Referentensuche wird im Sommer 2012 starten.

#### Medizinische Chemie

[www.scg.ch/dmc](http://www.scg.ch/dmc)  
Karl-Heinz Altmann

#### Tagungen, Konferenzen, Symposien, weitere Aktivitäten

##### Symposiums „Frontiers in Medicinal Chemistry

Joint German-Swiss Meeting on Medicinal Chemistry“, gemeinsam mit den Fachgruppen Medizinische Chemie der GDCh und Medizinische Chemie/Pharmazeutische Chemie der DPhG. Die Konferenz fand vom 20.-23. März 2011 in Saarbrücken statt und war den Themenbereichen „Neue Antibiotika“, „Immunologische Erkrankungen“, „Endocrine und Intracrine Targets“ sowie „Neue Technologien und Peptide“ gewidmet. Den 200 Teilnehmern, davon ca. 20 aus der Schweiz, wurden Vorträge von durchweg gutem bis hervorragendem wissenschaftlichen Niveau geboten wurden. Einen wesentlichen Beitrag hierzu lieferten die insgesamt 7 Vorträge aus Schweizer Arbeitsgruppen.

##### European Federation for Medicinal Chemistry

Im Juni hielt der Council der EFMC seine jährliche Sitzung ab. Nach dem Rücktritt von Dr. Peter Mohr wird unsere Division ist in diesem Gremium neu durch Dr. Manfred Kansy, Roche Basel, vertreten. Es war dies die letzte Sitzung während der Presidentschaft von Prof. Gerhard Erker, Universität Wien, der am 1. Januar 2012 von Dr. Ulrich Stilz, Sanofi-Aventis Frankfurt, als Präsident der EFMC abgelöst wurde. Die EFMC betreffende Mitteilungen und Neuigkeiten, inkl. Kurse und Symposien, werden regelmässig im offiziellen Newsletter der EFMC, MedChem Watch publiziert:

[http://www.efmc.info/content.php?langue=english&cle\\_menus=1177432444](http://www.efmc.info/content.php?langue=english&cle_menus=1177432444)

#### Ausblick 2012

- Mitorganisation Workshop „Future Medicinal Chemistry“ (zusammen mit den deutschen Fachgruppen), 21.-23. Jan. 2012, Kloster Seeon, Deutschland.
- Minisymposium "Epigenetic Targets: New Opportunities for Medicinal Chemistry" geplant für Juni 2012 an der Universität Basel.
- Mitarbeit bei der Vorbereitung (Local Organizing Committee) "EFMC-ISCM 2012: 22nd International Symposium on Medicinal Chemistry", Berlin, 2.-6. Sept. 2012.
- Session Medizinalchemie an der Herbstversammlung der SCG im Sept. 2012.
- 10th Swiss Course on Medicinal Chemistry, Leysin, 14.-19. Okt. 2012.

#### Division of Polymers and Colloids

[www.polycoll.ch](http://www.polycoll.ch)  
Bettina Steinmann

#### Conferences and Activities

##### Annual conference of the Division PolyColl 2011

The conference took place at the University of Geneva on April 29, 2011. A record number of over 100 participants attended the conference and 47 posters were presented. For the first 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 first DPC Best PhD Thesis Award was distributed to Dr. Lorenz Bonderer for his PhD thesis with the title: Assembling Colloids into Complex Materials: Artificial Nacre, Free-Standing Ultrathin Ceramic Foils and Particle Networks.

##### PolyColl Session at the Fall Meeting 2011

As part of the SCS Fall Meeting on September 9 at EPFL, we organized our parallel session about Polymers and Colloids. The two invited speakers Prof. Alexander Kron and Prof. Hans M. Wyss opened the morning and afternoon sessions, followed by a total of 12 lectures. Additionally 52 contributions were presented as posters. The SCS Metrohm Prizes for the best oral presentations went to Tolga Goren from ETH Zürich and Prashant Sinha from the University of Geneva. The SCS DSM Prizes for the best posters were awarded to Udo Kielmann, ETH Zurich, Emmanuel Croisier, EPF Lausanne and Soo-Hyon Lee, University of Fribourg.

#### Outlook 2012

- PolyColl 2012 will take place at the University of Fribourg on April 20, 2012. The winner of the DPC Best Thesis Award 2012 will be invited to present his work.
- Our division will co-organize the 9th International Symposium on Polyelectrolytes at EPF Lausanne from July 9-12, 2012.
- We will organize the parallel session about Polymers and Colloids at the SCS Fall Meeting at ETH Zürich on September 13, 2012.

Berne, January 2012