



EuCheMS

NEWSLETTER

May 2010

Nürnberg: Why your presence is so important

The organisation for the 3rd EuCheMS Chemistry Congress is on track and moving forward, with May 5 as the next milestone. This day marks the deadline for the submission of abstracts to be eligible for oral presentations, and it also marks the last chance to register at an attractive early fee. At 400 Euro for regular members of a EuCheMS member society, the price remains at the level of Torino 2008 and students will have to pay only half this amount.

In addition, more and more EuCheMS member societies will provide their younger scientists with travel grants and scholarships. For PhD students, postdocs and lecturers starting their career there are a lot of possibilities to sharpen their profile and to gain visibility within the scientific world. The European Younger Chemists Network has sponsored for the third time the European Young Chemist Award for researchers less than 35 years old. Finalists will compete talking about their research at a special session. The awards will consist of medals and monetary prizes sponsored by the Italian Chemical Society. Applications must be sent to euchem-award@scigiovani.it by May 5.

Reaxys, a web-based search and retrieval system for chemical compounds, bibliographic data and chemical reactions will award three prizes for research in organic, organometallic and inorganic chemistry for candidates currently studying for a PhD or having completed a PhD within the last twelve months. Three prize winners will present their research at a special symposium.

Students and postdocs striving for a career in the chemical industry will discover a lot of ways to establish contacts with possible employers – from a networking event like “Science meets Business” to the JobFair and hands-on seminars like CV clinic.

The core scientific programme with its seven main topics consists of 130 hours of



The Nürnberg Congress Center. (photo: Messe Nürnberg)

lectures touching on most relevant aspects of modern chemistry. Some EuCheMS divisions offer additional special symposia covering nuclear chemistry, chemical education and special topics in medicinal, organic and inorganic chemistry, life sciences and physical chemistry. Guest events focus on ethics in science and on the professional status of chemists. Research foundations will present ways how to participate in European scientific initiatives and programmes. Vendor seminars will present an opportunity for participants to gain a compact overview and to learn about new developments of major international chemical companies.

This picture would be incomplete without mention of the social programme, designed to help making friends by a number of common activities regardless of age and hierarchy. An organ recital at St Sebaldus will offer intellectual inspiration aside from chemistry, and the conference dinner “C₆₀-Party: Chemistry meets Soccer” in the easyCredit-Stadion will provide an unusual change of backdrop for conference attendees.

Last but not least, designated one of the top five most innovative areas of Germany, the metropolitan region of Nürnberg provides a stimulating environment for all participants of the EuCheMS Congress and the chance to enter into strategic partnerships.

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“Eastern Europe in the focus”

Three questions for François Diederich and Andreas Hirsch, Chairmen of the 3rd EuCheMS Chemistry Congress.

If you compare the EuCheMS Congress with other conferences – what's its impact?

The format of the EuCheMS congresses resembles that of the ACS meetings, with division symposia organised by eminent conveners, exhibition, career days, awards sessions. European chemistry needs a regular European meeting. It is like in sports. It is nice to have national meetings but the really fascinating events occur Europe-wide, with larger competition.

Will the scientific programme be attractive enough for chemists from industry?

Undoubtedly so! The megatrends and megatrends in industry and academia are the same: energy, food supply, resources and environment, new analytical methods and tools, new functional materials, new synthetic methods, catalysis etc. Industrial and academic research laboratories need to cooperate even closer together in the future to respond to these challenges. The fact that all scientific events are held under one roof in the excellent Congress center, ensures plenty of contact times.

The 4th EuCheMS Congress will be in Prague, only 250 km away from Nürnberg – is Eastern Europe especially in the focus?

It is important that Nürnberg is geographically right at the interface with the the new Central and Eastern European EU countries. Chemists from Poland, Czech Republic, Slovakia, Slovenia, or Hungary can attend easily by car. We hope for a large participation from Central and Eastern Europe and have tailored parts of the programme specifically for this audience. We hope to make a smooth transition to Prague 2012.

Full statement on www.gdch.de/taetigkeiten/nch/down/unvbei.htm



François Diederich



Andreas Hirsch



The European Association
for Chemical and Molecular
Sciences

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Travel grants to Nürnberg

To mark the occasion of the 3rd EuCheMS Chemistry Congress in Nürnberg the JungChemikerForum Frankfurt/Main (part of the Gesellschaft Deutscher Chemiker) will award ten travel grants each worth 250 Euro to young scientists from Central and Eastern Europe in order to strengthen and advance the European Young Chemists Network. Eligible to apply are Master or PhD students of chemistry or a chemistry-related degree programme in Central or Eastern Europe that actively participate in the conference with a poster or oral presentation. The deadline is 31 July 2010. Application and further request via e-mail at euchems2010@jcf-ffm.de. *al*

www.jungchemiker.de/stipendien

New ERC President

Fotis C. Kafatos stepped down from his position as President of the European Research Council (ERC) and Chairman of its Scientific Council on March 2010. He will continue as a member of the Scientific Council. Janez Potocnik, European Commissioner for Science and Research, thanked Kafatos for his outstanding contribution. On 19 February the ERC Scientific Council unanimously elected Helga Nowotny, an Austrian social scientist, as the new ERC President and chair of the Scientific Council. Nowotny was the ERC's vice-President and vice-chair of its Scientific Council. She took office on 1 March 2010. Kafatos was the first President of the European Research Council, the body set up by the EU in 2007 to enhance frontier research in Europe.

<http://erc.europa.eu>

Newsletter extra issue in July

GDCh's headquarter staff will prepare an extra issue of this newsletter to mark the occasion of the 3rd EuCheMS Chemistry Congress in Nürnberg. The issue will be published at the beginning of July, and the PDF-file will be available from the end of May. The organisational team encourages EuCheMS member societies to publish the additional issue in their local journals or on their web page. *ks*

EYCN Delegate Assembly



Delegates of the EYCN.

The 5th European Young Chemists Network (EYCN) Delegate Assembly gathered together young chemists in Untervaz, Switzerland, on February 17 to 19, 2010. The meeting preceded the Swiss Snow Symposium, organised by the Swiss Young Chemists' Association and co-organised by EYCN.

Attendance at the assembly was high: over 20 member societies were represented. In addition, Michael Hurrey from the American Chemical Society attended as a special guest and gave a talk on the opportunities of exchange between European and American young chemists.

In the meeting, the EYCN contributions to the coming 3rd EuCheMS Chemistry Con-

gress and to the events during the International Year of Chemistry 2011 were discussed and developed. The discussion was chaired by Alexandra Schwarz (Evonik Industries) and David Ward (Ward Consulting).

In addition to the decisions made about future events, the Delegate Assembly was an opportunity for the representatives to work together and to forge even stronger alignment and cohesion around the aims of the EYCN, its contribution to its membership and its role in the broader world of chemistry.

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Eurasia Conference on Chemical Sciences in Jordan

Jordan has been chosen to host the 11th International Eurasia Conference on Chemical Sciences which is organised by the University of Jordan (www.ju.edu.jo) and the Middle East Science Fund (www.mes-fund.org). It will be held under the patronage of His Majesty King Abdullah II in the period 6 to 10 October 2010 at the Dead Sea, the lowest point on earth. Participants include twelve Nobel Laureates in chemistry and medicine, together with about hundred invitees, in addition to about 500 researchers and graduate students from all over the world. The program will include several workshops and panel discussions in addition to plenary, key-note, invited lectures and posters. One main goal of the confer-

ence is to link invited well-established figures with young scientists and graduate students from the region for the purpose of mutual cooperation.

The series of International Eurasia Conferences was established in 1986 by a group of respectable chemists, Hitoshi Ohtaki (Japan), Bernd Rode (Austria) and Ivano Bertini (Italy). A world-top conference is held every two years in a Eurasia country with the aim of strengthening relationships between young researchers in developing countries and eminent world-known chemists, including Nobel Laureates. The conference is sponsored by EuCheMS.

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www.euasc2s-11.ju.edu.jo

The good tradition of young chemists meetings

Today conferences for young chemists are frequently held in different countries. Despite the often controversial discussion of whether there is a real distinction between “young” and “old” chemistry or if whether young colleagues even like this kind of segregation, we should understand that it may be a very important and useful experience for professional chemists at the beginning of their career. Young chemists who organise a conference gain valuable experience which helps them in their future career.

The first young chemists meeting took place at the Bechyne Castle, belonging at that time to the Czechoslovak Academy of Sciences, in September 1980. Almost 100 young chemists from Eastern Europe and Egypt had (for some) the first experience of international conferences. The Bechyne Conference was followed by a series of meetings of this kind organised in Puschchino na Oke, Liblice, Sofia, Berlin etc., later allowing chemists from the Federal Republic of Germany as the first ones “from behind the curtain”.

Nowadays the former participants of these meetings are heads of departments, deans, vice-rectors, textbook writers, editors etc., and in any case, good chemists working around the world, from Seattle to Moscow. And many became friends, collaborating and exchanging students. We wish young chemists good luck, a lot of excellent results and good opportunity to present them in future conferences.

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*30 years ago in former Czechoslovakia:
The first conference for young chemists.*

Macro2010 in Glasgow

Organised by the RSC and co-sponsored by EuCheMS, Macro2010 on 11 to 16 July in Glasgow is the latest in the series of biennial meetings of the IUPAC Polymer Division. The series has been running for several decades and is the largest international multi-symposium conference dedicated to all aspects of polymer science and engineering. Macro2010 will have an overall focus on polymer science in the service of society. The programme contains 28 symposia. Particular importance is placed on the poster sessions, which will occupy a prominent position in the timetable. Members of EuCheMS member societies are eligible to register at a discounted rate. Early bird registration deadline is 14 May, standard deadline is 11 June. *eme/ks*
www.macro2010.org/cfp

Congratulations to Hungary

One of the most successful media of the Hungarian Chemical Society is the Hungarian Chemical Journal. The journal, originally titled as “Magyar Chemikusok Lapja”, was first published on 15 January 1910 and initially appeared biweekly. It served as an official communication channel for the members of the Society. Ever since then, the journal has continued to provide the latest scientific and technical information to members, besides publishing complete manuscripts on hot topics in chemistry, chemical education, and chemical industry. We wish at least 100 more successful years to the journal, and congratulate the editorial board, currently led by Tamás Kiss and János Szépvölgyi.

Agota Toth, atoth@chem.u-szeged.hu

Two into one: New European education network

The European Chemistry and Chemical Engineering Education Network (EC2E2N) was created by fusion of the European Chemistry Thematic Network (ECTN) and the European Chemical Engineering Education Network (ECEEN). The new network brings together 120 partners from 27 European countries. Funding is provided by the European Commission under the Erasmus project with respect to the Lifelong Learning programme to bring together participants in higher education in chemistry and chemical engineering. Partners in the network are schools, universities, industries, national chemical societies, and accreditation bodies in this new network, as well as EuCheMS and the European Chemical Industry Council Cefic. The goals of EC2E2N are:

- to support innovative ICT-based products by developing a virtual campus with online language courses, material for lecturers and tests, including a training course for generic skills for third cycle students.
- to promote entrepreneurship with a curriculum for entrepreneurial skills and tools for a network of entrepreneurs.
- to facilitate the comparability of degree programmes across Europe by creating a EuroLecturer qualification, a database of programmes, a common framework for chemistry teacher training, and by developing European quality labels for these programmes as well as teaching and training materials for teachers and pupils.
- to increase the attractiveness of studies in chemistry and chemical engineering by focussing on sustainability and identifying examples of best practice. The network will also provide student-centred activities such as summer schools and contests.
- to enhance the interaction between chemists and chemical engineers in academia, and increase the employability of graduates in those fields.

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Lund: European Conference on Computational Chemistry

The Division on Computational Chemistry of EuCheMS together with the Swedish Chemical Society and Lund University are organising the 8th European Conference on Computational Chemistry (EUCCO-CC8). The conference takes place on August 25 to 28 in the city of Lund, located in the southernmost part of Sweden. The conference will cover research in all areas of computational chemistry. A number of invited lecturers will highlight the latest advances in materials chemistry, soft matter, biological chemistry, photochemistry and photobiology, homogenous catalysis and computational chemistry on alternative platforms. The speakers are leading scientists from Europe and the US. In addition, there is room for a large number of contributed talks and poster presentations. The EUCCO-CC8 is a satellite conference to the 3rd EuCheMS Chemistry Congress in Nürnberg and travelling information for those who wish to participate in both events can be found on the EUCCO-CC8 web page.

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www.chemsoc.se/sidor/KK/8thECCC

Budapest: International Congress on Pigments in Food

The 6th International Congress on Pigments in Food will be held in Budapest, Hungary on June 20 to 24. The major aim of the Congress is to facilitate discussions between scientists from both academic and industrial areas on various aspects of food pigments. Hot topics, like chemical analysis, food safety and authenticity, or various food processing, food technology and biotechnology, will be covered in invited keynote and short oral lectures along with poster presentations. AT

www.foodpigments2010.mke.org.hu



Events

6 – 10 June 2010, Belgrade, Serbia

Second Regional Symposium on Electrochemistry (South-East), <http://rse-see.net>

7 – 11 June 2010, Stockholm, Sweden

FORMULA VI, www.chemsoc.se/sidor/KK/formulaVI

13 – 16 June 2010, Oviedo, Spain

7th International Congress of ANQUE: Integral Water Cycle: Present and Future, www.anque2010.org

20 – 24 June 2010, Budapest, Hungary

Pigments in Food: Chemical, Biological and Technological Aspects, www.foodpigments2010.mke.org.hu

28 June – 2 July 2010, Bologna, Italy

EUCCHEM Conference on Organic Free Radicals, www.isof.cnr.it/biofreeradicals/EuChem.html

30 June – 3 July 2010, Ravenna, Italy

Chemistry for Cultural Heritage (CHEMCH), www.chemch.unibo.it

4 – 9 July 2010, Kraków, Poland

10th European Conference on Research in Chemistry Education (ECRICE), <http://ecrice2010.ap.krakow.pl>

11 – 15 July 2010, Perugia, Italy

International Symposium Perugia Fluorine Days (PFD 2010), www.perugiafluorinedays.it

11 – 16 July 2010, Glasgow, UK

43rd IUPAC World Polymer Congress (Macro 2010), www.macro2010.org

25 – 28 August 2010, Lund, Sweden

8th European Conference on Computational Chemistry, www.chemsoc.se/sidor/KK/8thECCC

29 August – 2 September 2010, Nürnberg, Germany
 3rd EuCheMS Chemistry Congress: Chemistry – the Creative Force, www.euchems-congress2010.org

19 – 23 September 2010, Gdansk, Poland

15th International Conference on Heavy Metals in the Environment (ICHMET), www.pg.gda.pl/chem/ichmet

6 – 10 October 2010, The Dead Sea, Jordan

11th Eurasia Conference in Chemical Sciences, www.euasc2s-11.ju.edu.jo

50th anniversary of Nobel Prize for polarography

On the 10th December 1959 Jaroslav Heyrovský received the Nobel Prize “for his discovery of the polarographic method of analysis” from the hands of King of Sweden Gustav Adolph VI. To commemorate this event, an international conference on modern Electroanalytical Methods was held from 9 to 14 December 2009 in Prague, in the same building where Heyrovský invented the method of polarography. The conference was organised by the Czech Chemical Society in cooperation with the Faculty of Science of the Charles University in Prague and the J. Heyrovský Institute of Physical Chemistry of the Czech Academy of

Sciences, the International Society of Electrochemistry and the European Society for Electroanalytical Chemistry.

Nearly 100 participants from 20 countries paid tribute to the outstanding personality of Heyrovský. The present state and future possibilities of a number of modern analytical methods developed from polarography were presented in 50 oral presentations and 50 posters. Several students of Jaroslav Heyrovský were among the participants.

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EuCheMS Newsletter



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