

## **Report of the EuCheMS division of chemistry education 2010/2011**

Chair: Ilka Parchmann (GER); Vice Chairs: Iwona Maciejowska (PL), Mariann Holmberg (FIN); Secretary: Paul Yates (UK)

### **Continuous activities of the division**

The Chair and Vice Chairs continuously exchange information between EuCheMS and the division. Mariann Holmberg has participated at the General Assembly in 2010 and will do so again in 2011. Iwona Maciejowska joined the meeting of the division chairs for the preparation of the next European Chemistry Congress in Prague, which was followed by a program suggestion for an education session. Paul Yates informed all division members about EuCheMS news and updates the website.

The annual conference in 2010 was the ECRICE which had been held in Cracow. The conference, which was connected to the national conference DidSci, had more than 250 participants and offered a variety of talks and workshops on all levels and areas of chemistry education. As plenary speakers, e.g. George Bodner and Judith Bennett had initiated inspiring discussions. The division meeting was held before the ECRICE conference, and we would like to thank and to congratulate the organisers for a very successful conference and their kind hospitality.

The division was also actively involved in the third European Chemistry Congress in Nurnberg which was held in August 2010. For the first time, a one-day-session on chemistry education was offered at a European Chemistry Congress. The program focussed on secondary as well as on tertiary education, gave interesting examples of co-operations between schools, university, industry and other institutions and included a workshop for young lecturers.

The preparation of the division's conference in 2011, the Eurovariety in Bremen, is in full progress. The conference shall offer an intensive exchange within a group of about 50 participants and lead to further ideas for joint projects on research and practise in the area of university chemistry education. The plenary sessions will combine chemists' perspectives with educational research perspectives and offer insights into funding possibility on the example of the European Chemistry Network. Presentations are given by experts from Europe, Asia and the USA and will hopefully provide a broad insight into current developments. The division meeting will be held on the first day of the Eurovariety conference.

The journal CERP continuously guarantees high quality papers, both on research and practise in chemistry education. The division likes to thank the editorial board and in particular Stephen Brewer and Georgios Tsaparis for their great work.

Last but not least, many division members are actively involved in the International Year of Chemistry and will be invited to present their activities during the next division meeting.

### **Joint activities with ECTNA / EC<sub>2</sub>E<sub>2</sub>N**

As part of the International Year of Chemistry, the division provided information for the ECTNA newsletter with Ilka Parchmann as guest editor.

The joint Workpackage 12 of the new EC<sub>2</sub>E<sub>2</sub>N framework, looking at teacher education in Europe and aiming at the development of quality labels comparable to the Euro-Bachelor in Chemistry, has started. The working group has developed a

questionnaire, which had been discussed during a meeting in Rome in February 2011 and the general assembly of EC<sub>2</sub>E<sub>2</sub>N in Bratislava in May 2011. The instrument is currently set up for an online investigation.

### **Joint activities with IUPAC and other societies**

Ilka Parchmann had been invited and participated at the IUPAC chemistry education division meeting before the ICCE conference in Taipei in 2010.

Following this, the main joint activity with the division of chemistry education of IUPAC is currently the preparation and organisation of the first joint ICCE and ECRICE conference in Rome in 2012. Peter Childs and Liberato Cardellini have been nominated by the division of EuCheMS as organisers for the ECRICE, in correspondence with Ilka Parchmann as chair of division.

### **Any other business**

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