



Serbian Chemical Society

Karnegijeva 4/III, P.O.B. 35-08, 11 120 Belgrade, Serbia

Tel./fax: 011 3370 467

E-mail: SHDOFFICE@elab.tmf.bg.ac.yu; <http://www.shd.org.yu>

Serbian Chemical Society (SCS) Annual Report to the EuCheMS Division of Chemical Education for 2008-2009

1. Abstract

The main activities of the Serbian Chemical Society Division of Chemical Education during the period from July 2008 to June 2009 were: (i) the organization of scientific meetings, seminars for chemistry teachers and monthly meetings of school teachers, (ii) the organization of primary and secondary school pupils' competitions in chemistry at the local and the republic level and (iii) the publication of the *Chemical Review* journal.

2. National educational policy

(a) At the moment, chemistry and chemical technology studies at all universities in Serbia are realised in accordance with the Bologna declaration.

(b) During the period from July 2008 to June 2009 there were no changes in chemistry curricula for secondary schools.

(c) During the period from July 2008 to June 2009 the Serbian Chemical Society organized the new revision of the chemistry curriculum for primary school. According to the chemistry teachers' opinion on the chemistry curriculum for the eighth grade of the primary school, a new revision was done.

2. Events in chemical education

In the period from July 2008 to June 2009 the Serbian Chemical Society organized several meetings:

(a) **47th Meeting of the Serbian Chemical Society** (March 21, 2009). The chemistry teachers from all levels of education, as well as researchers in chemistry education, took part in this meeting.

(b) **April Days** - the 19th national meeting for chemistry teachers in Serbia was held at the Faculty of Chemistry University of Belgrade (April 21-22, 2009). It was attended by approximately 300 participants. **April Days** covers themes in chemistry, chemistry didactics, pedagogy and psychology.

(c) The SCS Division of Chemical Education has organized monthly meetings throughout the school year. At these meetings teachers had the opportunity to discuss actual problems in teaching practice related to chemistry curricula, textbooks, chemistry competitions for primary and secondary school pupils, etc.

(d) The SCS with support of the Ministry of Education of the Republic of Serbia organized the competitions in chemistry at the local and the republic level during the spring of 2009. There were two modes of competition: (i) test and experimental work (30% of pupils with the best test results continue the competition with experimental tasks), and (ii) test and presentation of results of investigation work (after the test solution pupils continue competition with presentation of the results of their own investigation related to certain themes).

(e) In May 2009 the Faculty of Chemistry, University of Belgrade and the SCS Division of Chemical Education organized *The Night between Magic and Chemistry* with demonstrations of numerous attractive experiments.

3. Activities

(a) The best graduated chemistry and chemical technology students from all universities in Serbia, as well as the best young researcher in chemistry or chemical technology in past year were awarded by the SCS at the SCS Meeting in December 2008.

(b) The new president of the SCS was elected at the Annual meeting of the SCS in March 2009. The new president is Professor Ivanka Popovic from the Faculty of Technology and Metallurgy, University of Belgrade.

4. Publications

In the past period the Serbian Chemical Society regularly published the journal *Chemical Review* with the information related to the research in chemical science, chemical technology and chemical education, as well as the examples of the best teaching practice. The *Chemical Review* is published in Serbian (abstracts in English) six times a year.

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Dr Dragica Trivic, Associate Professor