



## International Conference New Perspectives in Science Education

<http://conference.pixel-online.net/npse2013>

*“Our vision is to inspire and motivate our children to achieve their full potential in the fields of science, technology, medicine and engineering”*

The second edition of the international conference New Perspectives in Science Education took place on 14 and 15 March 2013 in a beautiful Italian city Florence. Its aim was to promote transnational cooperation and innovation in science education, opportunity to present results of the projects in science field, share good practice and find partners for new projects and collaboration.

Over 150 registered participants from 35 countries from Europe, Middle East, Asia and USA took part at this event. They submitted their papers to proceedings, displayed posters, presented their papers on the Conference or discussed their activities with other participants.

Nine thematic areas were organised in 2 parallel sessions, 83 papers were presented, the key topics were focused on:

- Studies on science education
- Training of science teachers
- Science teaching methods
- New technologies for science teaching
- Enhancing students’ motivation
- Science Education Resources and Activities
- Science education projects and initiatives
- Science communication
- Science education and disabled people.

The Czech Republic was represented by the Institute of Chemical-Technology in Prague. Its representative Anna Mittnerová from the Department of R&D is a member of the Conference Scientific Committee. She introduced two posters describing activities performed in the field of innovation of scientific education at ICT Prague. The first poster informs about goals and results of the project STEP (Step to the Popularization of Science and Research) executed under the Operational Programme Education for Competitiveness within the European Structural Fund. Second poster introduces projects promoting science communication and innovative science education methods running at this university, as for example Researcher’s Night, event performed every year in one September night in almost 300 European cities, or activities carried out within the international project CIAA Network (Chemistry is All Around Network) focused on improving methods to teach chemistry in more attractive way and by up to date methods.

The conference was very well organized, the contributions were of high level quality and gave a lot of inspiration how to communicate and teach scientific subjects on all levels of education scale. Outputs of the conference introduced recommendations on changes of education

concept to make teaching of scientific subjects more interesting for pupils and students. "Let's start first with the context and then go to theory, link the context with everyday life, use the ICT technologies in the teaching of scientific subjects."

The third edition of the New Perspectives in Science Education Conference will be held next year on March again in Firenze. You are invited to come to share your experience about innovations in science education with other conference participants from almost all continents of the world.

Read more on the web pages:



<http://conference.pixel-online.net/npse2013/>



<http://chemistrynetwork.pixel-online.org/>

