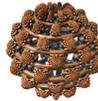




SOME SKETCHES ON THE 2nd INTERNATIONAL CONGRESS OF SCIENCE EDUCATION

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Dear Colleagues,



ICSE2014
2d International Congress
of Science Education

15 years of the Journal of Science Education
Foz do Iguaçu, PR, Brasil
27-30 August 2014

Organizing to the 2nd INTERNATIONAL CONGRESS OF SCIENCE EDUCATION for academic teachers, researchers, teachers from secondary and high schools as well as postgraduate students with major theme offers challenges for Science Education.

During four days, from 27 to 30 August 2014, with some 700 participants representing a huge variety of institutions from more than 20 countries, the Conference venue, Foz do Iguaçu - Brazil, was abuzz with ceaseless activity and discussions from the Opening to the Closing Ceremony, due to celebrate 15 years of the Journal of Science Education. It was inspired by the attendees' high degree of interest and involvement to discuss problems of Science Education (physics, chemistry, biology, mathematics, etc.) in the university and secondary (high school) education with experts and other specialists from America, Europe, Asia and other parts of the World, which highlighted their desire to address the equally important issues of Science Education.

The Congress was organized by the Federal University of Latin-American Integration, UNILA, Foundation the Technological

Park of ITAIPU, FPTI and the Journal of Science Education, JSE, with participation and sponsorship of various scientific authorities from different countries.

The energy generated by 10 plenary speakers and 2 roundtables panelists from more than 10 countries from different continents, as well as the representatives of more than 20 countries (Brazil, Colombia, Argentina, Mexico, England, Italy, Paraguay, Uruguay, Poland, Russia, United States of America, Chile, Slovenia, Czech Republic, Spain, Philippines, Armenia, Mozambique, Venezuela, Ireland, Portugal, Germany, Saudi Arabia) surely served as the needed momentum to reinvigorate the science education field on the roads to both international cooperation for a better education.



It was also a delight to watch the students and youth participants take an active role in their 350 poster presentations and 300 oral communication.

The Congress had 11 workshops and 30 symposiums covering everything from Innovations in science education, Educational policy in science education, Active modern methods and innovations in science education, Quality of teaching and teacher training in science, Modern curriculum design in science education, Evaluation and assessment in science



education, Scientific experiments and laboratories in teaching and learning, Educational technology, software and Internet, Popular education in science, Modern textbooks, Science learning, Research in science and mathematics education, Methodology of different natural sciences (physics, chemistry, biology, mathematics, ecology, geology, astronomy, biotechnology, environmental sciences, biomedical sciences, etc.), History and philosophy of science, Conceptual change in learning science, Popularization of natural sciences, Non-formal spaces in science education (technology parks, museums, zoos, botanical gardens, stations of science, planetary, clubs etc), Chess in School, Science Olympiads, Scientific tourism and other themes.

According to the chairman, Professor Yuri Orlik – UNILA - BRAZIL, the results were quite relevant. *“Multiple points of view and different alternatives on didactic teaching and learning in the natural sciences and mathematics methodologies were exposed, and new ways of organizing laboratories, using the methodology of teaching, application of active methods, different variants of skills assessment and tests for science classes in elementary, secondary and higher education”* he explained.

The Congress proceedings were published in the peer reviewed Journal of Science Education, JSE, (<http://www.accefyn.org.co/rec/>) is bilingual and international, with authors from more than 60 countries and specialists with excellent track records in education and in the natural sciences from more than 23 countries in its scientific committees.

Prior to the event, on Tuesday (26), Professor Alan Goodwin, the Royal Society of Chemistry, England, gave the workshop “Chemistry in micro scale using disposable plastic syringes and plastic sheeting” to state school teachers of Foz Iguacu and the region, and also the academic UNILA. “The purpose of bringing teachers to the workshop was to nurture the innovation laboratory practice, updating content, and observation of new methodologies. It is a time for them to better themselves,” says Neusa Lunkes, the staff of the Regional Education Center in Foz do Iguacu – Paraná- Brazil, which classified the activity as a unique opportunity.





I would like to thank all participants, our partners in this endeavour, the organizing and scientific Committees, the volunteers and all its staff, as well as the sponsors and supporters for their comprehensive support of the 2nd International Congress of Science Education 2014.

I would like to take this opportunity to express my deep gratitude for all participants. We look forward to many years of fruitful cooperation and I look forward to our continuing productive cooperation to improve Science Education across the globe as we meet you again on the 3rd International Congress of Science Education.



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