



Center for
Science Education
and Training



Reteaua educationala
Hands-on Science - Romania
Instruire prin experiment



International Conference Science Education in School focused on inquiry based science education

October 2-3, 2009

Ambasador Hotel Bucharest, Romania

Honorary Conference Chair:

Professor Yves Quéré

Member of the French Academy

Conference Chairs:

Dr. David Jasmin, *La main à la pâte*, France

Dr. Dan Sporea, CSET Director, Romania

Conference Program

Friday 2 October

Timetable	Author	Affiliation	Paper
8.30 - 9.15	Participants registration		
9.15 - 9.25	Dan SPOREA	Director of the Center for Science Education and Training – Bucharest	Opening session
9.25 - 9.30	David JASMIN	Director " <i>La main à la pâte</i> "	Message for the participants from the conference co-chair
9.30 – 10.00	Yves QUÉRÉ	Member of the French Academy	Interdisciplinarity in Science Teaching
10.00 - 10.10	Iulia Mihail	Director Romanian Office for Scientific Research to EU - ROST Brussels	Researchers supporting science education
10.10 - 10.30	Olivier BURGER	Ministry of education, France and representative of " <i>La main à la pâte</i> " programme	Developing a tool for teachers' self-training : from conception to implementation. Presentation of the DVD "Learning science and technology in primary school"
10.30 - 10.50	Stevan JOKIC	Vinca Institute of Nuclear Sciences, Belgrade Serbia	"Science education for children in Serbia: The Ruka u testu (<i>La main à la pâte</i>) programme"
10.50 - 11.10	Kristina ZOLDOSOVA	Department of Preschool and Elementary Education Faculty of Education, Trnava University, Slovakia	Basic science process skills in primary education practice
11.10 – 11.40	Coffee break		



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Timetable	Author	Affiliation	Paper
11.40 – 12.00	Stuart NYLOR	Millgate House Education London	Concept Cartoons as a starting point for inquiry-based science teaching
12.00 - 12.20	Ana Gostincar BLAGOTINSEK	Faculty of Education Ljubljana, Slovenia	How to start with IBSE (inquiry based science education)?
12.20 - 12.40	Katarina Romana KOTULAKOVA	Department of Chemistry Faculty of Education, Trnava University, Slovakia	Everyday Biochemical Phenomena in Primary School Education
12.40 - 13.00	Lidia Ochoa CAÑIGUERAL	Faculty of Psicology and Education University of Girona, Spain	Girona, seed city of Science
13.00 - 14.30	Lunch break		
14.30 – 15.00	Catalina STANCA, Camelia NEGOITA Mihaela CEAPA	National Collge „Al. I. Cuza” Galati, Romania	Demo session with science experiments presented by primary school students involved in the „Discover!” project
14.50 - 15.10	Petra SKIEBE	Freie Universitat Berlin, Germany	Implementation of the IBSE program Pollen in Germany
15.10 - 15.25	Daniela BOGDAN	Romanian Ministry of Education, Research and Innovation	Hands-on in secondary school
15.25 - 15.40	Carmen Gina CIOBÎCĂ	County School Inspectorate Suceava, Romania	From game to science through laboratory experiments
15.40 – 15.55	Alexandru LUPASCU	„Politehnica” University Bucharest	Teaching physics by experiments
15.55 - 16.25	Coffee break		
16.25 - 16.40	Cristina Maria CONSTANTIN	National Centre for Curriculum and Evaluation in Preuniversity Education	The problem of environment pollution - cross-curricular approach
16.40 - 16.55	Manuela VELICA,	National College “A.I. Cuza”, Corabia, Romania	Science for life
16.55 - 17.10	Lavinia MURESAN	County School Inspectorate Mures, Romania	Methodical-scientific and practical methods for integrating and adapting knowledge of chemistry in the family environment
17.10 – 17.25	Alina Gigliola MAIEREANU	County School Inspectorate Vrancea, Romania	Science of Teaching Science
18.00 – 20.00	Conference Welcome Meeting		





Saturday 3 October

Timetable	Author	Afiliation	Paper
9.30 - 9.45	Yves QUÉRÉ	Member of the French Academy	Overall Presentation of Pollen and Fibonacci Projects
9.45 – 10.10	Thierry HOUYEL	Inspecteur de l'Education Nationale, Zone Europe du Sud-Est, Agence pour l'Enseignement Français à l'Etranger, France	The primary science education project under development in the French schools of South East Europe, throughout cooperations with local schools
10.10 – 10.30	Petra SKIEBE	Freie Universitat Berlin, Germania	Informal science laboratories as part of IBSE
10.30 – 10.50	Stuart NYLOR	Millgate House Education London	Dialogic teaching in science
10.50 – 11.05	Lidia Ochoa CAÑIGUERAL	Faculty of Psicology and Education University of Girona, Spain	Sciences in the Schools
11.05 - 11.20	Stevan JOKIC	Vinca Institute of Nuclear Sciences, Belgrade Serbia	Scientific discoveries in Balkanian region: The South-east European collaboration
11.20 – 11.50	Coffee break		
11.50 – 12.10	Ana Gostincar BLAGOTINSEK	Faculty of Education Ljubljana, Slovenia	Lessons Learnt from Pollen Project
12.10 – 12.30	Kristina ZOLDOSOVA	Department of Preschool and Elementary Education Faculty of Education, Trnava University, Slovakia	Slovak primary teachers attitudes on the IBSE conception (empirical research)
12.30 – 12.50	Michel LOSTANLEN Nazim SELLAL	„Anna de Noailles” High School, Bucharest, Romania	Inquiry-based teaching in the French education system: secondary classes
12.50 – 13.05	Mihaela BALINT	„Happy Kids” Kindergarten Ramnicu-Valcea, Romania	Kids love science
13.05 – 13.30	Awarding ceremony of the international contest "Light in our Life"		
13.30 – 14.30	Lunch break		
14.30 – 15.00	Elena Ruxandra COJOCARU	student, "Politehnica" University Bucharest	Demo with sensors and data acquisition for experiments in primary school
15.00 – 15.15	Daniela Florentina ILESAN	Inspectoratul Scolar Judetean Sibiu	Science learning through projects-connection between curricular and extracurricular activities
15.15 – 15.30	Radu DASCALU	Romanian Ministry of Education, Research and Innovation	National Assessment in 2009 for „Science” at primary school level





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15.30 – 15.45	Rodica BARUTA	National College “Horea, Closca si Crisan”, Alba – Iulia, Romania	Methodical-scientific and practical methods for integrating and adapting knowledge of chemistry in the family environment
15.45 – 16.00	Marcela NICULAE¹, C.M. NICULAE² and Roxana DONCU³	¹ Ion Barbu Theoretical High School, Bucharest, Romania ^{2,3} University of Bucharest, Faculty of Physics, Bucharest Romania	Test concerning the progress of learning Natural Science at the end of the primary cycle in Romania
16.00 – 16.15	Mihaela GARABET^{1,2} Ion NEACȘU¹	¹ Theoretical High School “Grigore Moisil”, Bucharest ² Faculty of Physics, University of Bucharest, Romania	Science Experiments for primary education
16.15 – 16.30	Manuela SZEPESI¹ Crina STEFUREAC²	¹ Goethe German High School, Bucharest, Romania ² “Mihai Bravu” Technical College, Bucharest	Find the Earth from satellite through LEOWorks program
16.30 – 16.45	Natalia SECĂREANU	County School Inspectorate Vaslui, Romania	Active-participative methods used in teaching maths in primary school
16.45 – 17.00	Carmen MOISE	Theoretical High School “Nichita Stanescu”, Ploiesti, Romania	Creativity: an open road or an obstacle?
17.00 – 17.15	Florentina IOFCIU	School no. 22 Mexic and School no. 195 Bucharest	Modern approaches of teaching science through constructivist education
17.15 – 17.30	Concluding remarks End of the conference		



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