



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

October 2-3, 2009
Ambassador 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 | | |





| 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 Psychology 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 throught 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 |





Center for
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Rețeaua educațională
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Instruire prin experiment



| Timetable | Author | Afiliation | Paper |
|---------------|---|---|---|
| 15.30 – 15.45 | Rodica BARUTA | National College “Horea, Cloșca și Crișan”, 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 Moșil”, 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 | National College “Nichita Stănescu”, Ploiești, 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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