

**HISTORY OF SCIENCE AND TECHNOLOGY**

**TECHNOLOGY FOR GREEN ENERGY**

**NANOTECHNOLOGY**

**European Pupils Magazine**

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**19<sup>th</sup> European Pupils Meeting**  
**(EPMeeting)**

**PROGRAM**

Iasi, Romania  
4 - 7 April 2014

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## CONFERENCE PROGRAM

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Friday 4<sup>th</sup> April

Conference Registration

10:00 – 16:00

Multimedia Hall, A Building

Oral Presentations

Conference Hall, A Building

14:00-14:15	<b>19<sup>th</sup> EP Meeting Opening and Welcoming Addresses</b> Conference chairs: A. Rapisarda, F. Floroia <b>Welcome and Introduction:</b> Dr. Tamara Slatineanu, Department of Science Colegiul Tehnic "Gh.Asachi", Iasi <b>Greetings:</b> Prof. Cristian Pravat, Headmaster Colegiul Tehnic "Gh. Asachi", Iasi
14:20-14:30	<b>ALPHA-PUPILS</b> Bilateral Comenius Partnership (2013-2015) Coordinators: T. Slatineanu and A. Rapisarda
14:35- 15:35	<b>EPM PROJECT: PAST, PRESENT, FUTURE &amp; DEVELOPMENT</b> From Thessaloniki 2013 to Iasi 2014 Short introduction by pupils/students
15:35-15:50	Coffee Break

17:00

**Tour of Iasi city, walking from Alexandru Ioan Cuza University,  
University Museum,  
The Palace of Culture,  
National Theater and Opera,  
Metropolitan Cathedral dedicated to Saint Paraskevi,  
Romano-Catholic Cathedral...**

## Saturday 5<sup>th</sup> April

### Oral Presentations

Conference Hall, A Building

9:20	<b>Second Day of 19<sup>th</sup> EP Meeting conference</b> Conference chairs: E. Helerea, D. Grebinişan
9:30 - 9:45	<b>Colegiul Tehnic Mircea Cristea</b> from Brasov and <b>Didactic Projects</b> , Dr. Ing. Melania FILIP
9:50 - 10:25	<b>The Nano World</b> , Prof. Dr. Academician Bogdan C. SIMIONESCU
10:30 - 11:00	Coffee Break
11:35 - 12:30	Scientific Talks about <b>History of Science</b> <b>1. Periodic Table, Dragos BAISAN, Eduard Constantin GOLDUT</b> (Scoala Gimnaziala Garabet Ibraileanu, Targu Frumos, Palatul Copiilor Targu Frumos) <b>2. Stefan Odobleja- the father of Cybernetics, Ioana MOISOIU, Ana-Maria ULEIA, Andreea DANILOV, Matei TITA</b> (Colegiul de Informatica Tudor Vianu, Bucuresti) <b>3. Exploring the development of biology in Romania, Tudor Andrei ALBU, Cosmin Razvan STURZU</b> ( Colegiul Tehnic Gh.Asachi Iasi) <b>4. "Pavel Chintea - An Outstanding and Famous Chemist - The Pride of Moldova Republic", Maria MORUZ</b> ( Colegiul Tehnic Gh.Asachi Iasi)
12:30 - 14:00	Lunch Time
14:15 - 15:05	Scientific Talks about <b>History of Green Energy</b> <b>1. Autotrophic Nutrition – History and experiments, Iulia ENE</b> ( Liceul Teoretic Johannes Honterus, Brasov) <b>2. Green Energy-A smart future, Stefan DUMITRESCU, Raluca CHIS, Malina ACHINCA, Alexandra FICIU</b> (Colegiul de Informatica Tudor Vianu, Bucuresti) <b>3. Wind of Change, Matei GRAMA, Paul STEFANESCU, Radu TOLONATAN</b> (Colegiul de Informatica Tudor Vianu, Bucuresti) <b>4. A WORLD WITHOUT PLASTIC...OUR IDEAS! Aida Livia Maria GRADINARIU SALAGIANU, Eduard Florin ONU</b> (Liceul Tehnologic de Mecatronică și Automatizări Iași)
15:10 - 16:00	Artistic moment offered by Romanian pupils
16:00 - 17:30	Scientific Talks about <b>History of Technology</b> <b>1. Modern technologies used in monitoring water quality in Romania, Ștefana COJOCARU</b> (Chemistry Faculty, Alexandru Ioan Cuza University from Iasi) <b>2. Significant historic highlights in the valorisation of solar energy, Ioan-Cristian COTOROBAL, Ionuț-Cristian BRANCA</b> (Universitatea Tehnică „Gheorghe Asachi” din Iași, Facultatea de Construcții și Instalații)

	<p>3. Green Cities: Tradition-Utopias-Sustainable &amp; resilient development <b>Andreea MOVILA, Oana-Adriana LUNGU</b> (Technical University "Gheorghe Asachi" of Iasi, Faculty of Architecture)</p> <p>4. Technologies of old for a "tastier" present, <b>Rareş DOBREANU, Nicoleta FATU, Gabriela Carmina MOLOCI</b> (Liceul Tehnologic „Dr. Ioan Senchea”, Fagaras)</p>
	CONCLUDING NOTES OF THE DAY
	Dinner Time

## Sunday 6<sup>th</sup> April

**Oral Presentations**                      Conference Hall, A Building

9:20	<p><b>Third Day of 19<sup>th</sup> EP Meeting conference</b> Conference chair: M. Silaghi, G. Talabă, L. Husac</p>
9:30 -10:30	<p>Scientific Talks about <b>History of Technology</b></p> <p>1. Wandering around the Saxon citadels of Transylvania, <b>Nicolae HERA, Cristine ARSU</b> (Liceul Tehnologic Dr. Ioan Senchea, Fagaras)</p> <p>2. History of photography, <b>Adrian-Marian ENE, Alexandru CRETU, Isabelle PASCU</b> (Liceul Economic V.Madgearu, Bucharest)</p> <p>3. Virgil Madgearu, <b>Catalina Elena FRATILA, Bianca Elena BRISCA, Irina MUNTEANU</b> (Liceul Economic V.Madgearu, Bucharest)</p>
10:30 - 11:00	Coffee Break
11:00 -13:00	<p>Scientific Talks about <b>Nanotechnology</b></p> <p>1. Nanotechnology-Application in Medicine, <b>Alexandru IONESCU, Eduard POESINA, Stefan VOICILA</b> (Colegiul de Informatica Tudor Vianu, Bucharest)</p> <p>2. Nanotechnology-bioengineering. History of the remarkable discoveries for the future of biomedicine and building technology, <b>Bogdan UNGUREANU, Laura Teodora COTOROBAI*, Stefana AFRUNTOAEI*</b> (Technical University "Gheorghe Asachi" of Iasi, Faculty of Construction and Installation/*University of Medicine and Pharmacy Grigore T. Popa, Iași, Faculty of Bioengineering)</p> <p>3. Nanotechnology - the present, <b>Alessandro Lagona, Emanuele Pappalardo</b></p> <p>4. Nanotechnology - the future, <b>Guglielmo Aprile, Sasha Santanocito, Alin Constantin Grigore</b></p>

	<p>5. Science Fiction - Nanotechnology application, <b>Iulia Florea, Elena Lorexina Donoi, Federica Di Domenico, Angela Vittorio</b></p> <p>6. Nanotechnology- Water and air quality assessment, <b>Salvatore Lo Castro, Agnese Lombardo, Federica Rigano</b></p> <p>7. Nanotechnology in medicine, <b>Daniel Bujor, Giuliano Procida, Tiziano Lotta</b></p> <p>8. Nanotechnology in cosmetics, <b>Madalina Trepadus</b></p> <p>9. Nanotechnology in nutrition, <b>Ane Marie Iftimie, Loredana M. Atasiei, Marco Spampinato</b></p> <p>10. Nanotechnology and the computers, <b>Adrian Velniciuc, Martina Indelicato, Giordana Barbaro</b></p> <p>11. State of the art for nanoparticles design, <b>Georgiana Birdan, Irina Temciuc</b></p> <p>12. Advantages and Disadvantages of Nanotechnology and Nanoparticles, <b>Cosmin Busuioc, Mirela Astefanoaiei, Daniele Rinaldi</b></p> <p>13. Nanotechnology in my Region, <b>Samuele Mule'</b></p>
13:00 -15:00	Lunch Time
	CONCLUDING NOTES OF THE DAY
	Gala Dinner

## Monday 7<sup>th</sup> April

### Oral Presentations

Conference Hall, A Building

9:30	<p><b>European Pupils Magazine</b></p> <p>Conference chair: E. Niculescu, G. Galvagno</p>
9:30 - 10:10	<p>The future of <b>EPM</b></p> <p>1. <b>Carmelo CUSMANO</b> (Liceo Boggio Lera Catania, Italia)</p> <p>2. <b>Giuseppe CARDACI</b> (Liceo Boggio Lera Catania, Italia)</p>
10:10 - 10:30	<b>Certificates and Conference Awards</b>
10:30 - 11:00	Coffee Break
11:00 -12:00	From Iasi 2014 to 20 <sup>th</sup> <b>EPMeeting</b> . Concluding notes and perspectives
	Farewell lunch