

International Conference
jointly organized by IAP and ALLEA
with Finnish Academy of Science and Letters & Finland's Science Education Centre LUMA
Developing IBSE: New Issues
The roles of assessment and the relationship with industry
Helsinki, Finland, 30 May – 1 June 2012

Wednesday 30 May

9.00 - 9.55	<p>Opening of the Conference Mrs. Armi Mikkola, Ministry of Education, Finland</p> <p>Opening speech: "Our role in inventing the future" Prof. Anne Glover, Chief Scientific Advisor to the President of the European Commission, Brussels</p> <p>Welcome: "The IAP Global science education program" Prof. Pierre Léna (Académie des sciences, France)</p> <p>Keynote speech</p>	Prof Odile Macchi (France)
9.55 - 10.15	<p>Prof. Dato Lee Yee Cheong (UNESCO / ISTIC / Akademi Sains, Malaysia) <i>Discussion</i></p>	
10.15– 10.45	<p>Introduction to Theme 1: Prof. Wynne Harlen (UK): Roles of student assessment in education <i>Discussion</i></p>	Prof Pat Rowell (Canada)
10.45 – 11.15	<i>Coffee break</i>	
11.15 – 12.45	<p>Theme 1a: Formative assessment and its relationship with summative assessment Prof. Paul Black (UK): <i>Formative and summative – discord or harmony, and why it matters</i> Mrs. Janet Looney (European Institute of Education and Social Policy): Title TBC <i>Discussion</i></p>	Prof Pat Rowell (Canada)
12.45 – 14.00	<i>Lunch break</i>	
14.00 – 15.30	<p>Theme 1b: Approaches to summative assessment of IBSE Prof. Jens Dolin (Denmark): Title TBC Dr Christine Harrison (UK): <i>Process Skills or Cognitive Endeavour? What makes a valid assessment of inquiry science?</i> <i>Discussion</i></p>	Prof Derek Bell (UK)
15.30 -15.45	<i>Break</i>	
15.45 – 16.45	<p>Theme 1c: Current initiatives in IBSE students assessment (short presentations and posters) Five speakers, from different regions of the world, will present IBSE issues and/or achievements in their country. TBC</p>	Dr Jackie Olang (Kenya / NASAC)

16:45 – 17:45	Poster session	
17:45 – 18:30	Informal and/or group discussions. End of the day.	
	Working dinner for the Global Council, IAP Science Education Programme	

Thursday 31 May

9.00 -10.45	<p>Theme 1d: Impact of national and international assessments and surveys on IBSE implementation Prof. Patrik Scheinin (Finland): Title TBC</p> <p>Dr Marlene Gras (Mexico): Title TBC <i>Discussion</i></p>	Prof Norma Nudelman (Argentina / IANAS)
10.45 – 11.15	Break	
11.15 – 12.45	<p>Theme 1e: Assessment and the curriculum Dr Hubert Dyasi (CUNY, US): Title TBC</p> <p>Prof. Edith Saltiel (La main à la Pâte, France): <i>Assessment in France’s primary and middle schools</i> <i>Discussion</i></p>	Prof Wynne Harlen (UK)
12.45 – 14.00	Lunch break	
14.00 – 15.30	<p>Theme 1f: Equality in science education and assessment Dr Fouazia Charif (Tunisia): <i>The participation of girls in science education (tbc)</i> Mrs. Sandra Johnson (Assessment Europe, France): Title TBC</p> <p><i>Discussion</i></p>	Prof Wei (China)
15.30 -15.45	Break	
15.45 – 17.30	<p><i>Reports on themes</i> by theme chairs <i>Group discussion of theme reports</i> General conclusions about student assessment animated by Prof Wynne Harlen</p>	Prof Pierre Léna (France)
	Conference dinner	

Friday 1 June

9.00 - 9.15	<p>Introduction to Theme 2: The relationship between science education and industry</p>	Dr Rüdiger Klein (NL/ALLEA)
9.15 -10.45	<p>Theme 2a: Science education & socio-economic challenges Ms Marita Aho (Confederation of Finnish Industries): Title TBC Dr Ana-Maria Costa Freitas (EU President: Bureau of European Policy Advisors), <i>Science education - an engine for growth and jobs</i> Ms Alexa Joyce (EUN, Belgium) <i>European Coordinating Body for MST education: the Ingenious-project as an example for dialogue platforms with industry</i> Dr Guillermo Fernandez de la Garza (Mexico): <i>Mexican experiences in linking business and industry with IBSE programs</i> Prof. Ruth Arnon (Israel): <i>Contribution of basic research in the academia to industry and economic development</i></p>	Prof Maija Aksela (Finland)

	<i>Discussion</i>	
10.45 – 11.15	Break	
11.15 – 12.00	<p>Theme 2b: Science education & industry: towards new partnerships</p> <p>Mr. Anders Hedberg (US): <i>Corporate Social responsibility: a Win-Win for Education and Business</i></p> <p>Dr. Anne-Gret Abarzua (INEOS) and Prof. Petra Skiebe-Corrette (Free University Berlin, Germany / EU Project <i>Fibonacci</i>): <i>Different models in which industry (& others) support the inquiry-based science education program TuWaS! in Germany</i></p> <p><i>Discussion</i></p>	Prof Maija Aksela (Finland)
12.00 – 12.45	<p>Panel discussion (Speakers and Chairs of Theme 2)</p> <p><i>Discussion about follow-up activities</i></p>	Prof Peter Mitchell (Ireland)
12.45 – 13.00	Conference closure	Prof Pierre Léna (France)
13.00 – 14.00	Lunch break	
<p>13:30 – 16:30</p> <p>14.00 – 15.30</p>	<p>Parallel meetings of IAP Regional Councils of the Science Education Programme (SEP)</p> <p>ALLEA Working Group Science Education-IAP SEP Europe Council</p> <p>Africa (NASAC) SEP Council</p> <p>Americas (IANAS) SEP Council</p> <p>Asia-Pacific (FASAS) SEP Council</p>	<p>Prof Odile Macchi</p> <p>Mrs Jackie Olang</p> <p>Prof Norma Nudelman</p> <p>Prof Jenny Graves</p>

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