INTERNATIONAL AEMASE CONFERENCE ON SCIENCE EDUCATION

ROME, 19 - 20 MAY 2014

Venue of the Conference
Accademia Nazionale dei Lincei
Palazzo Corsini
Via della Lungara 10

PROGRAMME

Sunday, 18 May

19.00 Welcoming reception

Monday, 19 May

8.30 Registration

9.00 1. Opening session
    Lamberto Maffei, President of the Accademia Nazionale dei Lincei
    Stefania Giannini, Minister of Education, Italy
    Souad Abdelrazzak, Minister of Education, Sudan
    Yolanda Valle-Neff, Director of the UNESCO Regional Bureau for Science and Culture in Europe
    Alberto Quadrio Curzio, Chair of the Lincei Foreign Relations Committee
    Antonio Sgamellotti, IAP Executive Committee
    Adriano Zecchina, Compagnia di San Paolo
    Mostapha Bousmina, President of NASAC
    Günter Stock, President of ALLEA
    Maurizio Brunori, President of EMAN

10.00 2. Presentation of the Conference objectives by the Organizing Committee
    Odile Macchi (Académie des sciences, France), Giancarlo Vecchio (Accademia Nazionale dei Lincei, Italy)
10.10 **3. Keynote lecture** - Chair: Lamberto Maffe (Accademia Nazionale dei Lincei, Italy)

Pierre Léna (President of the La Main à la Pâte Foundation, France)

*Science education in school, a challenge for Academies and scientists*

10.45 Coffee break - **Science exhibition, display of material, experiments or websites**

11.15 **4. What is inquiry?** Hands-on/inquiry session + Joint meeting of the two Groups

Group 1
Frédéric Perez (La Main à la Pâte Foundation, France)

Group 2
Chiraz B. Kilani (ISEFC, Tunisia)

13.00 End of the morning session

14.00 **5. National projects.** Three parallel sessions

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<th>Group</th>
<th>Chair</th>
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<td>1</td>
<td>Ahmadou Wague (Senegal)</td>
<td>14.00</td>
<td>Finland: Hannu Salmi, Bridging the gap between formal education and informal learning by science centre pedagogy</td>
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<td>Elias Baydoun (Lebanon)</td>
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<td>Morrocco: Mohammed Hosni, Experience of the Hassan II Academy of Science and Technology for Scientific clubs in Morocco</td>
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<td>Giuseppe Macino (Italy)</td>
<td>14.00</td>
<td>Haiti: Jacques Blamont, Volvick Charles, Challenges for quality education in Haiti: the TEH programme</td>
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<td>Peter Mitchell, BT Young Scientist &amp; Technology Competition and Exhibition</td>
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<td>Ireland: Peter Mitchell, The BT Young Scientist &amp; Technology Competition and Exhibition</td>
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<td>5</td>
<td>Marieke Peeters, Science education hubs in the Netherlands; collaboration between universities and primary education</td>
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<td>6</td>
<td>Robert Hauser, Recent developments in science education in the United States</td>
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<td>USA: Robert Hauser, Recent developments in science education in the United States</td>
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<td>7</td>
<td>Giovanni Macino (Italy)</td>
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<td>Senegal: Ahmadou Wague, The experience of La Main à la Pâte in Senegal</td>
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<td>Souad Abdelrazzak, Minister of Education, Sudan</td>
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<td>Sudan: Mustafa El Tayeb, Introducing IBSE in an African context: the case of Sudan</td>
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<td>9</td>
<td>Mostapha Bousmina (President of NASAC)</td>
<td>14.00</td>
<td>Sweden: Per Olof Hulth, The Royal Swedish Academy of Sciences’ school activities</td>
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<td>10</td>
<td>Peter Haydock, Science Education Center, Smithsonian Institution, USA</td>
<td>14.00</td>
<td>USA: Robert Hauser, Recent developments in science education in the United States</td>
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<td>Peter McGrath, Science and Diplomacy Programme, TWAS, Trieste, Italy</td>
<td>14.00</td>
<td>Italy: Adriano Zecchina, Compagnia di San Paolo, Italy</td>
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<td>12</td>
<td>Jacques Blamont, CNES, France</td>
<td>14.00</td>
<td>Italy: Adriano Zecchina, Compagnia di San Paolo, Italy</td>
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15.30 Coffee break - **Science exhibition, display of material, experiments or websites**

16.00 **6. Roundtable - Programmes for SE in the African-European-Mediterranean region, views from institutions and foundations**

Chair: Mostapha Bousmina (President of NASAC)
Souad Abdelrazzak, Minister of Education, Sudan
Yolanda Valle-Neff, Director of the UNESCO Regional Bureau for Science and Culture in Europe
Peter Haydock, Science Education Center, Smithsonian Institution, USA
Mohammed Hosni, Ministry of Education, Morocco
Peter McGrath, Science and Diplomacy Programme, TWAS, Trieste, Italy
Adriano Zecchina, Compagnia di San Paolo, Italy
Jacques Blamont, CNES, France

19.00 Cocktail reception at Palazzo Farnese, offered by the French Embassy in Rome
Tuesday, 20 May

8.30 7. Keynote lecture - Chair: Odile Macchi (Académie des sciences, France)
Lee Yee-Cheong (Chair of the IAP SEP Global Council, Malaysia)
Science Education and Science Literacy - Two sides of the same coin

9.15 8. Successful international collaborations on Science Education
Chair: Lee Yee-Cheong (Chair of the IAP SEP Global Council, Malaysia)
Petra Skiebe-Corrette (Freie Universitat, Berlin, Germany), The European Fibonacci Project: lessons learned from international collaborations
Jackie Olang (NASAC, Kenya), Science education and the Network of African Science Academies
Hoda El-Mikaty (Bibliotheca Alexandrina, Egypt), Pan-African network of Science Centers
Benő Csapó (University of Szeged, Hungary), Assessing the outcomes of inquiry-based science learning
Águeda Gras-Velázquez (EUN, Belgium), Examples of successful European collaborations with public organizations (Scientix) and industry (inGenious) in the area of Science Education
Claudia Robles (INNOVEC, Mexico), International cooperation as a key pillar in IBSE implementation strategies

10.45 Coffee break - Science exhibition, display of material, experiments or websites

11.15 9. Poster session on science education initiatives and projects

13.00 End of the morning session

14.30 10. Views and perspectives (follow up to Poster session 9) - Parallel groups with facilitators

15.45 Coffee break - Science exhibition, display of material, experiments or websites

16.15 11. Conclusions and recommendations prepared by the AEMASE Conference Organizing Committee

18.00 Guided tour of Villa Farnesina

Conference Secretariat
phone: +39 06 6802 7537
fax: +39 06 689 3616
e-mail: moliterno@lincei.it, mze@lincei.it

Conference website
http://www.lincei.it/convegni/AEMASE/index.html

The Conference is organized with the support of