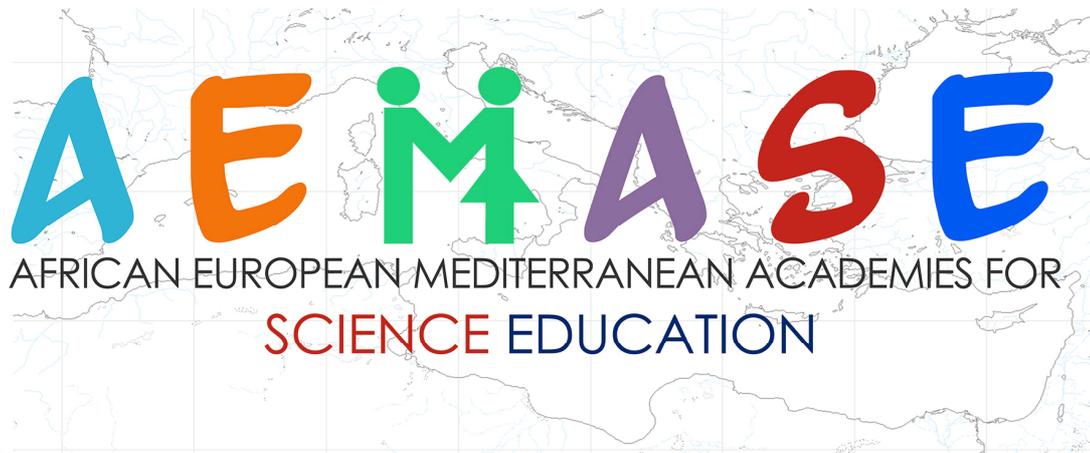




Académie  
Hassan II  
des Sciences  
et Techniques



Académie Nationale  
des Sciences  
et Techniques  
du Sénégal



**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**

#### **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**

Chairs: Odile Macchi (Académie des sciences, France), Giancarlo Vecchio (Accademia Nazionale dei Lincei, Italy)

- 10.10 **3. Keynote lecture** - Chair: Lamberto Maffei (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
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| <p>Group 1<br/>Frédéric Perez (<i>La Main à la Pâte</i> Foundation, France)</p> | <p>Group 2<br/>Chiraz B. Kilani (ISEFC, Tunisia)</p> |
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- 13.00 End of the morning session
- 14.00 **5. National projects.** Three parallel sessions
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| <p>Chair:<br/>Ahmadou Wague (Senegal)<br/>14.00 - Finland: Hannu Salmi, <i>Bridging the gap between formal education and informal learning by science centre pedagogy</i><br/>14.15 - Malaysia: Sharifah Maimunah, <i>Bringing inquiry learning into practice</i><br/>14.30 - United Kingdom: Derek Bell, <i>Subject-specific CPD in science learning centres</i><br/>14.45 - Argentina: Norma Nudelman, <i>IANAS and the HaCE Program</i><br/>15.00 - Senegal: Ahmadou Wague, <i>The experience of La Main à la Pâte in Senegal</i><br/>15.15 - Discussion</p> | <p>Chair:<br/>Elias Baydoun (Lebanon)<br/>14.00 - Morocco: Mohammed Hosni, <i>Experience of the Hassan II Academy of Science and Technology for Scientific clubs in Morocco</i><br/>14.15 - Ireland: Peter Mitchell, <i>The BT Young Scientist &amp; Technology Competition and Exhibition</i><br/>14.30 - France: Laurence Constantini, <i>The programme Des Maisons pour la science</i><br/>14.45 - Italy : Francesco Clementi, <i>The Italian national network of academies for education</i><br/>15.00 - Australia: Shelley Peers, <i>Primary Connections: linking science with literacy</i><br/>15.15 - Discussion</p> | <p>Chair:<br/>Giuseppe Macino (Italy)<br/>14.00 - Haiti: Jacques Blamont, Volvick Charles, <i>Challenges for quality education in Haiti: the TEH programme</i><br/>14.15 - Netherlands: Marieke Peeters, <i>Science education hubs in the Netherlands; collaboration between universities and primary education</i><br/>14.30 - Sudan: Mustafa El Tayeb, <i>Introducing IBSE in an African context: the case of Sudan</i><br/>14.45 - Sweden: Per Olof Hulth, <i>The Royal Swedish Academy of Sciences' school activities</i><br/>15.00 - USA: Robert Hauser, <i>Recent developments in science education in the United States</i><br/>15.15 - Discussion</p> |
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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**
- Chairs: Mostapha Bousmina (President of NASAC), Dusan Sidjanski (European Cultural Centre)  
Souad Abdelrazzak, Minister of Education, Sudan  
Yolanda Valle-Neff, Director of the UNESCO Regional Bureau for Science and Culture in Europe  
Smithsonian Institution, USA: Peter Haydock, Executive Director, Science Education Center  
Morocco's Ministry of Education: Mohammed Hosni  
TWAS: Peter McGrath, Science and Diplomacy Programme  
Compagnia di San Paolo, Italy: Adriano Zecchina  
CNES, France: Jacques Blamont
- 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 Universität, 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 (Hungary), *Assessing the outcomes of inquiry-based science learning*  
Guillermo Fernández (Mexico), *INNOVEC, a story of (tbc)*  
Àgueda Gras-Velázquez (EUN, Belgium), *Examples of successful European collaborations with public organizations (Scientix) and industry (inGenious) in the area of Science Education*
- 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**

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**Conference website**

<http://www.lincei.it/convegni/AEMASE/index.html>

*The Conference is organized with the support of*



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