



## **SECOND AEMASE CONFERENCE**

**October 12-13, 2015**

**Hotel Ngor Diarama, Dakar, Senegal**

### **What is it and why?**

AEMASE means “African-European-Mediterranean Academies for Science Education”. It is an intercontinental initiative of science academies in the geographical African-Mediterranean-European (AME) area, a Region that shares strong and ancient political and scientific links. At the origin is the strong desire of certain national academies to help improve formal and informal science education (SE), as part of their mission: the French, Italian, Moroccan and Senegalese academies and the Egyptian Bibliotheca Alexandrina. Improving SE is indeed critical to prepare the necessary scientific and technical workforce that North and South countries need for their economic growth, sustainable development and human welfare. Happily, in several countries, some national school programmes already implement new pedagogies that foster the passion of the young for science and technology, e.g. inquiry-based science education (IBSE). But this has to be much empowered. Moreover promoting science communication and science outreach to society and fostering citizen science literacy are means to foster global peace through improved balance and mutual comprehension between countries.

### **The first AEMASE event in May 2014 in Rome**

The first AEMASE conference was hosted in Italy last year within the premises of the Lincei Academy, under the sponsorship of the Inter Academy Partnership (IAP). It has brought together 75 key actors of SE coming from 26 countries <sup>1</sup> pertaining to the geographical AME Region. Representatives from outside this Region <sup>2</sup> brought their experiences as well. Hands-on sessions on the IBSE methodology (conducted by experts in the training of science teachers), plenary or poster sessions, parallel workshops and roundtables about national and international programs, allowed delegates to share their experiences and explore the possibilities of launching multi-partner North-South collaborations and country twinnings for SE field actions. This first event strengthened the partnerships between science Academies and Ministries of education and created an enthusiastic synergy between developed and developing countries.

[The AEMASE I website](#)

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<sup>1</sup> Albania, Benin, Belgium, Cameroon, Egypt, Finland, France, Germany, Hungary, Ireland, Italy, Jordan, Kenya, Morocco, Netherlands, Palestine, Senegal, Serbia, Slovenia, Spain, Sudan, Sweden, Tunisia, Ukraine, Zimbabwe, United Kingdom.

<sup>2</sup> Argentina, Australia, Haiti, Malaysia, Mexico and USA.

## **The AEMASE II conference in 12 – 13 October 2015 in Dakar**

This second AEMASE conference will be hosted in Africa (Senegal) by the kind courtesy of the Academie Nationale des Sciences et Techniques du Sénégal (ANSTS). It will gather delegates of science academies from the AME area, representatives of the Ministries of education, experts in SE and teacher professional development and invited observers from other regions in the world. Delegates of other European and African countries involved in current or future SE pilot projects are also eagerly expected. Like for AEMASE I, each country will present and export its new science education experiences and resources, explain the issues it views as critical, and import the good ideas collected from the sharing of other countries.

*Interested persons are warmly encouraged to contribute by submitting a half page summary or sending relevant questions to the scientific committee.*

### **International Scientific Committee**

*Co-chairs* Senegal: Ahmadou Wague, Italy: Giancarlo Vecchio

*Members:* Egypt: Hoda S. Elmikaty; France: Odile Macchi; Hungary: Beno Csapo; Morocco: Mostapha Bousmina; Senegal: Ahmadou Lamine Ndiaye, Doudou Ba, Abdoulaye Samb

### **Costs**

- Registration is free
- The organizing committee is currently searching for funds to cover at least the accommodation expenses of delegates, with a priority given to African delegates.