



Office of the Secretary

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DepED MEMORANDUM
No. 141, s. 2004

ASIA-EUROPE SCIENTISTS OF TOMORROW PROGRAMME (AESOTOPE)

To: Bureau Directors
Regional Directors
School Division/City Superintendents
Heads, Public and Private Secondary Schools

1. The Asia-Europe Foundation (ASEF) in collaboration with the *Istituto Nazionale per la Fisica Della Materia* (INFM or the Italian National Institute for the Physics of Matter), and with the support of the Ministry of Foreign Affairs of Italy, will be organizing the inaugural Asia-Europe Scientists of Tomorrow Programme (AESOTOPE) in Genoa, Italy from October 26 to November 3, 2004.

2. AESOTOPE is a new programme for gifted science students from high/secondary schools under the Asia-Europe Classroom (<http://www.aec.asef.org>) framework. The organisers of the AESOTOPE will invite one or two project teams comprising two high/secondary school students (between the ages 15 and 16 years old) and one teacher-advisor from each of the 25 ASEM countries in Asia and Europe to participate in the AESOTOPE. The teams will represent their schools and countries. AESOTOPE offers a unique opportunity to showcase their knowledge of science and technology and engage in interactive and collaborative learning relevant subjects with the other scientists of tomorrow. The planning of the AESOTOPE will be conducted in tandem with the preparations for the Genoa Science Festival 2004 (www.festivalscienza.it) to enable students and teachers participating in AESOTOPE to also actively participate in some of the scientific and social international events that will be held on the occasion of the Genoa Science Festival 2004.

3. The organizers will cover all costs in connection with the programme in Genoa (including airport transfers, accommodations and meals during the duration of the programme). However, participating teams are requested to seek funds from relevant national agencies or funding organizations to cover the cost of roundtrip airfare going to Genoa, Italy.

4. Applicants are requested to submit their Project Proposal following the enclosed procedures on or before April 30, 2004 to the Department of Education-Center for Students and Co-Curricular Affairs (DepED-CSCA), DepED Complex, Room 111 Mabini Building, Meralco Avenue, Pasig City, telefax no. 631-8495 or call 632-1361 local 2022. For further details, please contact the CSCA Office c/ Mr. Joey G. Pelaez, Executive Director.

5. Immediate dissemination of this Memorandum is desired.

EDILBERTO C. DE JESUS
Secretary

Encl.:

As stated

Reference:

None

Allotment: 1 -(D.O. 50-97)

To be indicated in the Perpetual Index
under the following subjects:

SCIENCE EDUCATION
STUDENTS

Yaba-maricar/mppd/aesotope
02/02/04/03-09-04

(Enclosure to DepED Memorandum No. 141, s. 2004)

ASIA-EUROPE SCIENTISTS OF TOMORROW PROGRAMME (AESOTOPE)

**GENOA, ITALY
26 OCTOBER TO 3 NOVEMBER 2004**

SELECTION PROCEDURES

- 1 Applications for participation in AESOTOPE are invited from project teams comprising at least two high/secondary school students between the age of 15 to 16 years of age and a teacher-advisor. It is not imperative that the members of each project team should come from the same school.
- 2 All applications must be accompanied by a project proposal, describing a scientific experiment or a hands-on exhibit/object that can be showcased during AESOTOPE and the main exhibition at the Genoa Science Festival 2004 entitled, "*Le Meraviglie della Scienza*" ("The Marvels of Science"), which will be open to the public (with more than 1000 visitor expected each day).
- 3 The project proposal should feature an interactive demonstration of the marvels of science that is closely associated with the country of origin, e.g. discoveries that had been made by scientists from that country. Alternatively, the proposal could also be a showcase of the unique natural history of the country (e.g. geology, flora and fauna) or major science-based activities or industries that are important for the country's economic development (e.g. water conservation, ICT application, power generation, industrial production, extraction industries, etc).
- 4 Alternatively, the project proposal should reflect the theme of the Genoa Science Festival 2004, "*The Exploration*", or the theme of Genoa as the European Capital of Culture in 2004, "*Genoa as the Capital of the Sea*".
- 5 The text of each project proposal should be in English and not be longer than four A4 pages. In addition, the proposal must also be accompanied by a one A4 page summary setting out the following information:

- A photograph or graphics to give an idea of the exhibit/object;
 - A description of the exhibit/object (maximum 300 characters);
 - A list of actions that the visitor must do with respect to the exhibit or on the object (maximum three sets of action);
 - A list of observations that the visitor can make when using the exhibit or object (maximum three sets of observations);
 - The connection between exhibit/object and the scientific principle; and
 - A description of handling/ transport of the exhibit/object (in order to evaluate transport needs and costs, please indicate the exhibit/object size, weight, and/or any specific technical requirement).
- 6 All applications and project proposals must be submitted to a National Selection Committee in each ASEM country for screening and pre-selection. The National Selection Committee will select five sets of applications and project proposals for onward transmission to the AESOTOPE Committee of Scientific Advisors for consideration. Based on the recommendations of the AESOTOPE Committee of Scientific Advisors, the organisers of AESOTOPE – the Asia-Europe Foundation and the *Istituto Nazionale per la Fisica della Materia* (INFN) will make the final selection.
- 7 The composition and working methodology of the National Selection Committee will be determined by each ASEM country. In making its selection, each National Selection Committee is advised to take into consideration the relevance of the project proposals to the scientific aspects of its country.
- 8 The AESOTOPE Committee of Scientific Advisors will comprise internationally prominent scientists from Asia and Europe, whose terms of reference would include:
- Advising the organisers on the substantive contents of the programme or schedule of activities for AESOTOPE;
 - Recommending the project teams that should be shortlisted for AESOTOPE; and
 - Assessing and recommending the most outstanding projects that could be conferred the AESOTOPE Awards.

9 The key deadlines include the following:

- **Before 30 April 2004**, all applications and project proposals should be submitted to the National Selection Committees.
- **By 31 May 2004**, the National Selection Committees should send shortlisted applications and project proposals to the AESOTOPE Committee of Scientific Advisors.
- **By 30 June 2004**, the AESOTOPE Committee of Scientific Advisors will submit to the organisers its recommendations on the Project Teams that should be invited to participate in AESOTOPE, as well as the "*Le Meraviglie della Scienza*" Exhibition, an integral part of the Genoa Science Festival 2004 programme, 28 October to 8 November 2004. A maximum of two Project Teams from each of the 25 ASEM countries may be shortlisted and accepted by the organisers of AESOTOPE. The recommendations of the AESOTOPE Committee of Scientific Advisors and the final decision of the AESOTOPE organisers will be communicated to the National Selection Committees, who will inform the successful and non-successful applicants accordingly.
- **By 15 July 2004**, each National Selection Committee is expected to communicate the names of the two students and one teacher-advisor who will represent each ASEM country at AESOTOPE.

10 All exhibits/objects that will be showcased during the "*Le Meraviglie della Scienza*" Exhibition must be sent to Genoa care of the *Istituto Nazionale per la Fisica della Materia (INFN)* by **10 October 2004**. All exhibitors are encouraged to send their material early.



Learning beyond boundaries