

SCIENCE MUSEUM AND SCHOOL: A COOPERATION TO IMPROVE TEACHING, LEARNING AND DISCOVERY

EUROPEAN TRAINING COURSE - 9TH EDITION
DEUTSCHES MUSEUM, MUNICH, GERMANY
1-7 DECEMBER 2013

This is the ninth edition of the European training course that emerged from the EU-funded project SMEC (School-Museum European Cooperation). It also integrates the work and results of SETAC (Science Education as Tool for Active Citizenship), the EU-funded project considered as the continuation of SMEC.

Since 2004, teachers and museum educators from several different countries across Europe and beyond have been trained and now use the methodologies, materials and experience of the course in their own practice.

OBJECTIVES

The course aims to encourage the use of the museum as educational resource for teaching and learning in sciences, and to contribute to the development of teachers' knowledge and expertise in using museums. It encourages cooperation between formal and informal learning institutions and promotes the role of teachers and museum explainers as facilitators of students' learning and active engagement in science.

Main topics

- Museum learning
- Learning by doing through the use of exhibits and interactive activities
- Scientific literacy and active citizenship
- Science and Society and discussion games
- The object as document – learning from objects
- New media as educational tool
- The role of misconceptions in learning science
- Museums and schools collaboration for science education

STRUCTURE

The course lasts 6 days and is organized in a series of lectures, round tables, museum visits, interactive workshops, simulation games and practical activities. All the materials used during the course as well as the materials produced by the two European projects are given to the participants at the end.

The course is held in English.

LOCATION

The course is held inside the Deutsches Museum Munich, one of the most important science museums in the world. Participants explore the collections, education programmes and go behind the scenes to discover where its exhibitions are built. They use the Museum as case study for the different workshops and at the same time they build skills, tools and experiences to take back home. During the course they develop an educational project using Deutsches Museum collections.

The Deutsches Museum also becomes the accommodation site of the course. Participants stay, work and use the facilities of the Museum's Kershensteiner Kolleg. Both museum and college are right at the heart of the beautiful city of Munich which is ready to welcome participants in their free time.

<http://www.deutsches-museum.de/en/information/education/>

PARTICIPANTS

The course is open to museum educators and school teachers, headteachers, teacher trainers and trainee teachers.

TUTORS

The course is held by an international group of experts from Belgium, Denmark, France, Germany, Hungary and Italy, specialising in a range of fields: pedagogy, museum education, science education, science & society, research and evaluation, professional development, new media and technologies.

The tutors come from institutions with long and active experience in education and training:

Museums:

Deutsches Museum Germany,
National Museum of Science and Technology Leonardo da Vinci Italy,
Hungarian Natural History Museum.

Universities and training institutions:

Technical University of Munich Germany,
University of Copenhagen Denmark,
University of Leuven Belgium,
Institut Universitaire de Formation des Maîtres de Lorraine France.

HOW TO PARTECIPATE

Find information about the course in the Lifelong Learning Programme catalogue:

for COMENIUS grants: DE-2013-1362-001

for GRUNDTVIG grants: DE-2013-1366-001

Fill in the pre-registration form and send it to Sara Calcagnini (calcagnini@museoscienza.it).

1) For participants who apply for EU mobility grants

Teachers and museum professionals can apply for funding through Comenius o Grundtvig grants.

The application procedures can be found at the LLP National Agencies of each country. The application deadline for grants in most countries is 30 April 2013 (please confirm the deadline with the National Agency of your country).

The average amount of Comenius/Grundtvig grant given by the NAs is 1500 Euros, and this can be used for covering the course fees, travel, accommodation and subsistence.

2) For other participants

The course is also open to professionals who do not apply for EU mobility grant. Costs and conditions remain the same.

FEES

The course participation fee is € 650. It covers attendance of the course and materials.

The cancellation fee is € 100.

COORDINATOR

The Deutsches Museum and the National Museum of Science and Technology Leonardo da Vinci have the scientific and educational responsibility of the course as well as the responsibility of all organizational aspects.

CONTACT

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INFORMATION ABOUT THE SMEC AND SETAC PROJECTS

<http://www.museoscienza.org/smec/project.html>
<http://www.museoscienza.org/setac/>