Open
Science
Resources

Open Science Resources Summer School

Crete, Greece 1-6/7/2012

Description

DISCOVER OPEN SCIENCE RESOURCES: Technology Enhanced Science Education and Science Content Organization

The "Open Science Resources" summer school aims to offer to teachers from all over Europe the chance to get acquainted with open educational resources repositories and be trained to use existing materials and relevant tools so as to design top quality educational activities that may be easily retrievable and available at anytime from anywhere. Besides the main training sessions, participants will have the opportunity to engage in activities that will offer them plenty of information about the integration of new technologies in the current teaching practices.

The course will include presentations and practical sessions (workshops) on: www and its educational uses for teachers; Strategies for searching information online; Introduction to the concept of learning objects; Introduction to learning repositories; Introduction to preparing, uploading and sharing learning resources; Introduction to metadata, educational metadata, metadata-based searching, and authoritative educational metadata schemas (DC-ed & IEEE LOM); Social metadata and Web 2.0 tools (folksonomies & social tagging), presentation of popular social tools (e.g. Flikr) and scenarios for their use in the classroom; Pedagogical strategies and best practices for using digital teaching & learning resources in the classroom; Hands-on session working on resources related to science, making use of the OSR portal [www.osrportal.eu], with references also to the COSMOS [www.cosmosportal.eu] and xlpora [www.xplora.org] portals. The training course includes more than 15 hours of lectures and demonstrations, and 15 hours of hands-on workshops.

A web site (including a common web space where participants will be able to upload materials) will be developed, providing the participants with all necessary course information prior to the start of the course, such as: course description, programme, educational material and relevant websites, and travel guidelines. The organisers will provide the participants with recent European research reports in the field of formal and informal science education and technology-enhanced learning. Prior to the beginning of the course the participants will have the opportunity to familiarize themselves with both the training course topic and the course methodology (by getting access to the course structure and tools). The participants will be invited to participate in the Open Science Resources user group. The participants will also be asked to prepare a number of scenarios based on introducing inquiry-based techniques in science teaching, making use of resources from science centres and museums. These scenarios will be discussed in detail during the course.

Participation in this event is funded by the European Commission through the Comenius and Grundtvig programmes: therefore interested teachers or trainers can simply contact their relevant National Agency. The list of eligible countries (EU ones plus Turkey, Croatia, FYROM) and the contact details of the National Agencies can be found here: http://ec.europa.eu/education/lifelong-learning-programme/doc1208_en.htm.

The deadline for applications is January 16th, 2012. So we strongly suggest that:

(a) You ask the members of your teams that are working with the learning design and implementation of learning scenarios to apply for Comenius (for school staff) and Grundtvig (for university/adult training staff) funding through your National Agencies, so that they can participate in the Summer School.

(b) You forward this opportunity to contacts that could be interested (e.g. external institutions with which you are already working on learning design activities), letting them know about this training opportunity and inviting them to apply for funding. We would particularly encourage the participation of teachers/trainers that have been involved in the past in one or more of the project workshops.

For any further information please contact our colleagues from EA who are coordinating the organization of the event (eleftheria@ea.gr), together with the local hosts from Crete (neofotistos@physics.uoc.gr).

Guidelines

Detailed Guidelines (from http://ec.europa.eu/education/trainingdatabase/instructions%20for%20applying-EN.doc)

How to apply for a grant:

1. Contact your own National Agency to obtain information on the grant application procedures and to check the deadline for submitting your application. National Agency contact details can be found at: http://ec.europa.eu/education/programmes/llp/national_en.html

2. Once you have selected the training event

   http://ec.europa.eu/education/trainingdatabase/index.cfm?fuseaction=DisplayCourse&cid=31641, contact the training organiser to check that places are still available. You may need to enclose confirmation of your provisional registration for the training with your grant application.

3. Send your grant application form to your National Agency following the defined application procedure.

4. Your National Agency will inform you if you have been awarded a grant, normally 7-10 weeks after the application deadline.

5. You should then immediately contact the training provider to formally register for the course or to confirm your pre-registration. If you have not been awarded a grant but made a pre-registration, it is your responsibility to cancel this.

6. From the moment your National Agency confirms that you have been awarded a grant, you have responsibilities towards the training provider. If you cancel your attendance at the event, you will be responsible for paying any cancellation fees which the training provider may claim. Only in very exceptional cases of force majeure (e.g. serious illness or death of the grant applicant or a family member) may your National Agency pay cancellation fees using grant money.

7. If the training organizers cancels the training at short notice, you may ask him/her for compensation if you have already incurred costs. Neither your National Agency nor the European Commission can be liable. However, in justified cases your National Agency may decide to cover these costs using the grant awarded. If your training event is cancelled, your National Agency may give you the opportunity to select another one (contact your Agency for further details).

8. At the end of the training event, the organizers must hold an evaluation session. Your opinion on the quality of the training is important; training which is considered to be of poor quality can be further investigated by the National Agency.

9. At the end of the training event, the organizers should distribute a course attendance certificate, which is proof of having carried out the training activity.

10. Within 30 calendar days after the end of the activity you must send the Final Report to your Agency. Approval of the Final Report is the basis for formal settlement of the awarded grant. The Final Report form is downloadable from your Agency's website.

Should you need any further information, please contact your National Agency.

The initial description of the event can be found here:

http://ec.europa.eu/education/trainingdatabase/index.cfm?fuseaction=DisplayCourse&cid=31641

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