

Dear all,

our proposal for the organization of the COSMOS & Learning with ATLAS@CERN Joint Summer School (in the framework of the Comenius - Grundtvig Training Courses) has been validated by the Greek National Agency and it is published in the Comenius - Grundtvig Training Database with the reference number " GR-2010-102-001":
<https://webgate.ec.europa.eu/lp/istcoursedatabase/index.cfm?fuseaction=DisplayCourse&cid=22741> (contains the full description of the course)

The Summer School will take place at Rethymnon, Crete from the 4th to the 9th of July 2010. The host institution will be the University of Crete. The venue will be at the GRECOTEL EL GRECO Hotel (http://www.grecotel.com/crete/el-greco/welcome_93.htm).

The title of the course is:

From Telescopes to Accelerators: Enhancing Science Education by Exploring Science's Past, Present, and Future

and it is open to science teachers, teacher trainers, science communicators, science museum and science centres educators.

The aim of the activity is to introduce science teachers in innovative ways of teaching science. Teachers are introduced in the use of metadata and on-line educational repositories. They have the chance to get familiarized with the design of educational activities and projects. The theme this year is going to cover 400 years of discoveries. The course's objective is to enhance science education by presenting the fabric of the cosmos as was shaped by scientific evidence and explanations through 400 years of scientific advancement. The course will focus on

- a) 17th century's optics instruments (i.e. telescopes and microscopes) and how these instruments have influenced the making of modern science,
- b) 20th century's telescopes and accelerators, which have probed the inner and outer boundaries of the matter and the universe, and
- c) 21st century's facilities such as CERN's Large Hadron Collider (LHC) and the new generation of space telescopes, which will provide answers to the yet open sub-atomic and cosmological questions

I kindly ask you to distribute this information to the teacher's communities in your country and to the staff members of the science centers and museums. I am kindly asking you to support them to prepare and submit their applications to the National Comenius and Grundtvig authorities. It is really important to bring together participants from different countries.

Please note that the deadline for applications for funding is the 16th of January 2010.

Please refer to the guidelines for applicants

http://ec.europa.eu/education/trainingdatabase/COM_GRU_decision_timetable_2009-2010_EN.doc

EA, in collaboration with University of Crete is organizing every year summer courses that are aiming to introduce teachers in the use of metadata and digital repositories. Have a look to this link: www.ea.gr/ep/cosmos-summer-school that describes the activities organized the previous years.

Please do not hesitate to contact me if further information is needed.

Dr. Angelos Lazoudis
Research & Development Department
Ellinogermaniki Agogi
Dimitriou Panagea Str.
15351 Pallini
Greece

Phone: +30 210 8176799

email: angelos@ea.gr