



NANO SCIENCE CAMP 2013



Nano-Science Camp

30 June 2013 – 7 July 2013

“White Lagoon” Resort, Bulgaria



The **Nano-Science Camp** for teenage researchers is a key event in the process of the approbation of the main outcomes produced by the NTSE partnership.

The **Nano-Science Camp** participants were selected through a poster competition in which 145 school students from 5 countries at the age of 13-18 years took part. The authors of the best posters, selected through the voting of international committee got together for the one-week **Nano-Science Camp** in Bulgaria, hosted by the Center for Creative Training Association from 30 June to 7 July 2013 at the “White Lagoon” Resort.

The agenda of the camp involves hands-on research activities in the field of nano-sciences, work with the **NTSE Virtual Laboratory**, as well as exercises related to self-presentation and professional orientation.

The **Nano-Science Camp** and the NTSE project are implemented by partner institutions from five countries – Turkey, Bulgaria, Greece, Italy and Romania – with the financial support of the European Commission under Lifelong Learning Program (project ref. No 511787-LLP-1-2010-1-TR-KA3-KA3MP).



NTSE

Nano-Tech Science Education

This work is funded by the European Commission, Education and Training
LFP Transversal Programme KA3-ICT through Project 511787-LLP-1-2010-1-TR-KA3-KA3MP



Home Agenda Introduction Virtual Lab Dissemination Participants Outputs Links NTSE Team

Facebook 0
Twitter 0

Agenda

October 18-19, 2012
5th Project Meeting
May 17-18, 2012
4th Project Meeting completed
December 9-10, 2011
3rd Project Meeting completed
September 15-16, 2011
2nd Project Meeting completed
March 24-25, 2011
1st Project Meeting completed
[View Agenda](#)

Nano Competition

[Vote for Nano Competition](#)

Highlights

[Nano Bio-Technology Laboratory](#)

Nano-Tech Science Education (NTSE) Web Site

Summary of NTSE Project
In recent years, numerous studies have shown a shocking decline in young people's interest for key science studies. Recent work by the OECD shows that over the last decade, in many countries, the number of young people entering universities is increasing but they are choosing fields other than science. When looked from a gender perspective the problem is even worse as, in general, girls are less interested in science education than boys.



NTSE aims to use ICTs as a tool to make the learning of science subjects more attractive and accessible. The project target groups are students from the general and vocational schools aged 13 to 18; teachers in science subject plus college & university students attending science education courses (prospective school teachers in sciences). The project will establish a Virtual Lab, as an experimental virtual aid to science learning. This will serve as a platform for science lessons, as a database of teaching materials and as a hub for science-learning-related graphic aids and recorded and illustrated appealing experiments on Nano-Tech. It will include a Nano-Science Center, presenting to learners and their in-service or future teachers the miracles of the nano-technologies. A program for a week Science Camp training including hands-on experiments and demonstrations will be developed and delivered through the VL, this is a good step as an approximation of the contents and functionalities of the virtual lab.

NTSE Virtual Lab

Nano-Tech Science Education

This work is funded by the European Commission, Education and Training
LFP Transversal Programme KA3-ICT through Project 511787-LLP-1-2010-1-TR-KA3-KA3MP



Home Experiment room Podcasting room Repository Blog Glossary Competition room About Help Personal profile

Podcasting room

PODCASTING

[Career of a female scientist](#)

GLOSSARY

[Experiment Nanocrystal Fabrication with students](#)

The “Nano-Tech Science Education” (NTSE) project aims to utilise ICTs as a tool to make the learning of science subjects more attractive and accessible. The project established a Virtual Laboratory as an experimental aid meant to support the science learning of students from the general and vocational schools and colleges, as well as the work of their teachers and the training of young prospective teachers in science subjects. The **NTSE Virtual Laboratory** is available on-line at: <http://vlab.ntse-nanotech.eu/>

It contains the following sections:

- **Nano-experiment room** with original teaching materials that help learning about the nano-sciences;
- **Podcasting room** containing interviews with researchers and implemented classroom activities;
- **Repository** with useful readings, links and resources;
- **Discussion space**

The **NTSE Virtual Laboratory** serves as a hub for science learning-related aids and resources, as a platform for implementation of virtual science lessons, as a database of teaching materials and illustrated experiments on nano-sciences and nanotechnology.

During the project, two books – Virtual Laboratory Guidelines and Nano-Tech Science Education Annual – will be produced. The Guidelines will be published and disseminated to support the effective use of **NTSE Virtual Laboratory** and Annual will be created to highlight on yearly basis the project achievements.

Forthcoming is the **International NTSE Nano-Tech Conference** which will be held in Turkey in October 2013 under the title “International Congress on Innovative Science Education with Inspiration through Nanotechnology” targeting educational stakeholders.

For more information, visit the NTSE project web-site: <http://ntse-nanotech.eu/>

