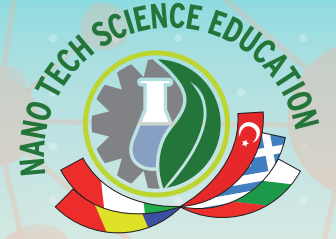




Lifelong
Learning



511787-LLP-1-2010-1-TR-KA3-KA3MP

Certificate of Excellence

Is hereby granted to

for being the national winner of the poster competition organized
in the frames of the international cooperation project “Nanotech Science Education” (NTSE).
Your poster was displayed at the 3rd International Advances in Applied Physics and Materials
Science Congress (APMAS) on 24–28 April 2013 in Antalya, Turkey.
We congratulate you for the fine work you have done with your poster presentation.

Ahmet Yavuz Oral
NTSE Project Expert

Zuhal Yılmaz Doğan
NTSE Project Coordinator

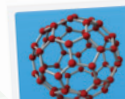


Experiments room



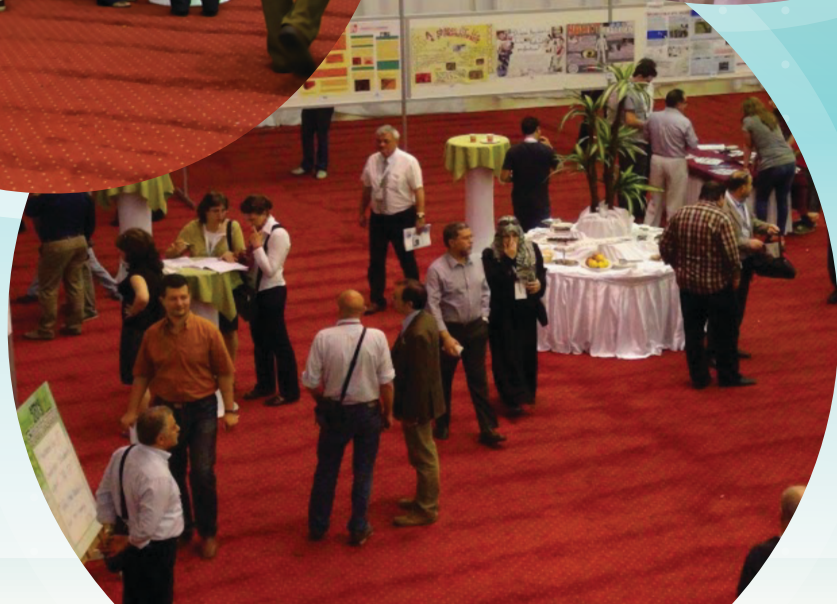
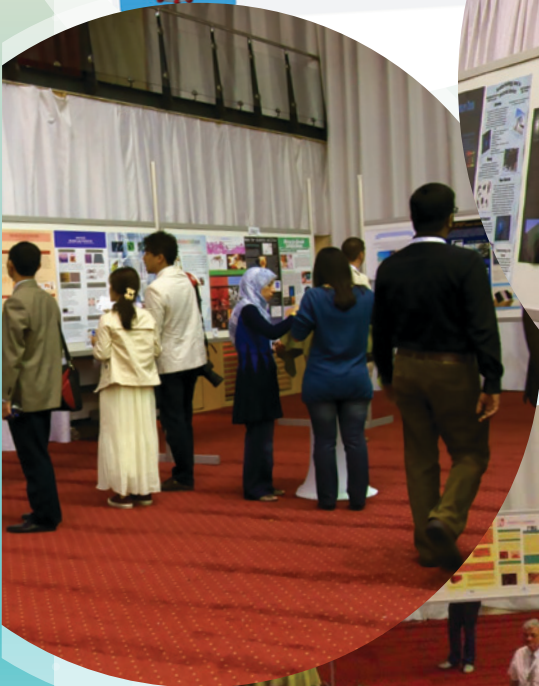
Understanding Nanoscale

We do not see objects or measure distances in the nanoscale in our daily life. Comprehending the nanoscale is only possible with fun examples resembling nanoscale.



Making Origami Buckyball

A buckyball is a molecule containing 60 carbon atoms. Each carbon atom is connected to three other carbon atoms, forming a sphere. This unique molecular shape and structure is only possible with fun examples resembling nanoscale.



Nano-Tech Science Education (NTSE)

NTSE is an international cooperation project, the aims which is 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 aimed 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 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.

In the beginning of 2013 NTSE project partners organised a poster competition in which 145 school students at the age of 13-18 years took part.

The evaluation of the posters was processed in two stages –on-line voting implemented between 1st and 24th April 2013 and academic voting performed by the delegates in the APMAS 2013 Congress (www.apmas2013.org) which was held in Antalya on 24th-28th April 2013.

The authors of the best posters, selected through the voting are awarded with certificates and will take part in a one-week Science Camp in Bulgaria in July 2013.

The NTSE project is 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).