



Annual Report from Italy on Chemical Education 2007-2008

Abstract

This year the Chemical Education Division of Italian Chemical Society is working to realize three projects for the teachers of all kinds of school in addition to the usual study and research.

Introduction

The Chemical Education Division of Italian Chemical Society keeps on studying and researching for chemistry teaching's improvement. These studies are related to the high school and the university. This year, in particular, we decided to follow up educational initiatives for all kinds of teachers (academic teacher including). So we are working about three projects that we describe on the trot.

Presentation of the projects

1. educational project for the compulsory schooling. The Ministry of Education has been asked for financing of this project. If they approve it, the teachers will read didactic materials to think about them, to rework them and to use them to realize educational project. One hundred of these teachers will be present at tutorial and laboratorial meetings. These meetings will be in a place not recognized yet and will target the reassessment, improvement and development of didactic materials.

2. educational project for the high school's teachers. This project conforms with Action's Line 2" Educational and updating courses for science's teachers" of Scientific University Degree's Project (PLS). Our Division attend it with several academic members. Because this Project has been refinanced, so they plan series of meetings in aid of the teachers in academic places that have been involved in the project.

3. educational project for young people who start up in academic career. A summer school on “Educational Research and Teaching Methodology of Chemistry” will be activated, as from 2009.

If we really want to change our science’s teaching, we need to depend on academic people who study educational problems and teaching methodology of Chemistry. We also need to make the university a place where any school teachers can cooperate, dialogue, think about our science, about its basic notions and how to transfer them.

Activities of the National Chemistry Society

The 15th National Congress on Chemical Education took places in Genoa (7-9 September 2007). One hundred and fifty teachers and several experimental sciences teaching methodology’s experts attended the congress. Several regional projects were devoted to the improvement of chemical education and many refresher courses took places in several regions.

A summer school (SPAIS, Standing School for the updating of science teachers) took places in Sicily and 50 teaches attended it.

Some Italian teachers participated in the international project Science On Stage.

Publications

The main chemical education publication is *Chimica nella Scuola*, which continues the publication of five issues a year.

Aldo Borsese & Liberato Cardellini