

SCHOOL REPORT

School: Giornate Didattiche della SISN 2014

Specific Title: Introduzione alle tecniche neutroniche per lo studio microscopico della materia, con applicazioni alla Fisica, Chimica, Biologia e Geologia

Dates: 13/09/2014 22/09/2014

Venue: Hotel Steinpent, S. Giovanni in Valle Aurina, Italy/ ILL Grenoble, France

Organizer's Name: Eleonora Guarini, Claudia Mondelli

Organizer's Affiliation: SISN

Total budget: 17 069 €

Maximum NMI3-II support: 4 000€

Scope

Giornate Didattiche della SISN is a school directed to undergraduate students, master students, PhD and young researchers willing to gain a basic introduction to the different techniques of neutron scattering. The school is opened to European students, however the classes are given mainly in Italian.

Students

This year 24 students participated to the school coming from several universities.

Organisation

The school was organised in two parts. The first part took places in S. Giovanni in Valle Aurina, Italy. During these days the main aspects of the theory of neutron scattering were presented and some tutorials on data treatment has been carried on. For the second part, the students were transferred at the Institut Laue-Langevin, Grenoble. At ILL the students were divided in small groups involved in experiments on 5 instruments at ILL: D1B, D11, D4, IN3 and the Italian CRG IN13. At the end of the school the students reported their experimental result in a clip session.

Results

The school fulfilled all the target of its scope. All the lecturers and experiments planned took places successfully. The students were asked to give a feedback on the single lecturers, experiments and overall score of the school and organization. The feedback was excellent.

Organizer's E-mail: mondelli@ill.fr, guarini@fi.infn.it