

SCHOOL REPORT

School: Giornate Didattiche della SISN 2013

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

Dates: 22/06/2013 2/7/2013

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

Organizer's Name: Marco Maccarini, Salvo Magazu

Organizer's Affiliation: SISN

Total budget: 8 644 €

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 in Italian language.

Students

This year 24 students participated to the school coming from several universities in Italy and Europe.

Organisation

The school was divided in two parts. The first part took place in S. Giovanni in Valle Aurina, Italy and the main aspect of the theory of neutron scattering are taught. In the second part the students were transferred at the Institut Laue-Langevin, Grenoble. In this part the students were divided in small groups involved in experiments on three ILL instruments, the two Italian CRG (BRISP and IN13) and the ILL reflectometer D17. At the end of the school the students reported their experimental result in a clip session.

Results

The school fulfilled all the target of his scope. All the lecturers and experiments planned took place 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.

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