



Società Italiana di Spettroscopia Neutronica



# SISN Summer School 2012: Neutron Diffraction and Reflectometry

S.Giovanni, Bolzano, Italy 23 - 29 September 2012

Considering the National and European programs running on *Large Scale Facilities* and the future opportunities in this field, the SISN has defined the terms for a yearly Advanced School on neutron scattering techniques. The School is primarily dedicated to European PhD Students and post-Docs strongly motivated to use neutron scattering techniques in their research.

## Scope and Topics

This year the School will deal with experimental *Neutron Diffraction and Reflectometry*, discussing features and scientific potentialities of the experimental methods pointed up. Diffraction and reflectometry instruments accessible at reactor based facilities and at spallation sources will be in particular considered, also in view of the European ESS project. The School is open to national and non-national **Graduate** and **PhD students** and to **Post-Docs** working in scientific disciplines as Biology, Chemistry, Earth Sciences, Material Science, Physics, Science for Heritage Conservation, and similar.

## General Information

The official language of the School will be Italian (with selected lessons in English). The School will start on Sunday morning **September 23<sup>rd</sup>** and finish on Saturday lunchtime **September 29<sup>th</sup>**, 2012. Plenary lessons will be held each morning, while the afternoons will be devoted to applicative seminars and tutorial activities with groups of 5 - 6 students each. The School will be hosted at **Hotel Steinpent, S. Giovanni, Ahrntal (Bz), Italy**.

## Registration

A **maximum of 25 students will be accepted**. The registration fees will be between 150 and 200 euro, depending on the available funds, and include full board accommodation at the Hotel Steinpent and handouts of the lectures. Travels to and from S.Giovanni are not included. A limited amount of fellowships is available. A **pre-registration** is required: people interested should complete the Registration form and send it together with a short CV to the School Direction [sisn\\_SummerSchool2012@alisf1.univpm.it](mailto:sisn_SummerSchool2012@alisf1.univpm.it). The SISN will evaluate the CVs and will communicate on the scheduled time the acceptance of applications.

## Organization

- Direction: R. Magli (University of Milan, Italy) and P. Mariani (Polytechnic University of Marche, Italy)
- For further information (Registration form, Program, etc.) please visit the SISN web site ([www.sisn.it](http://www.sisn.it)) or contact the Organizers: [sisn\\_SummerSchool2012@alisf1.univpm.it](mailto:sisn_SummerSchool2012@alisf1.univpm.it).

## Important dates

- Pre-registration deadline: July 10, 2012
- Preliminary acceptance: July 20, 2012
- Fee payment deadline: July 31, 2012
- Final acceptance: August 31, 2012