



## VIII INTERNATIONAL SCHOOL OF NEUTRON SCATTERING “FRANCESCO PAOLO RICCI” NEUTRON SCATTERING FROM MAGNETIC SYSTEMS

September 25<sup>th</sup> – October 6<sup>th</sup>, 2006

Hotel Flamingo, Santa Margherita di Pula (CA), [www.hotelflamingo.it/](http://www.hotelflamingo.it/)

This school, established in 1994, is primarily addressed to graduate students or post-doctoral with an interest in **Neutron Scattering**. The School will comprise lectures, tutorials and hands-on data analysis sessions, covering diverse aspects of Neutron Scattering, but with an emphasis on techniques and instrumentation designed to study the **Structure and Dynamics of Magnetic Systems**. An international group of acknowledged experts will form the teaching body. The Conference Centre is the Hotel Flamingo, Santa Margherita di Pula (CA). The official language of the school is English. The School will commence on Monday, September 25<sup>th</sup> 2006, with a se-

ries of introductory lectures covering the fundamental aspects of neutron scattering and neutron instrumentation.

During the next few days, a series of lectures will provide the basis to understand **Magnetic Symmetry, Magnetic Structure Description, Solution and Refinement** from powder and single crystals data, **Spin Density Determination** using polarised neutron techniques, **Neutron Polarimetry, Magnetic Small-Angle Neutron Scattering, Magnetic Neutron Reflectometry** and **Inelastic Neutron Scattering from Single-Ion, Magnetic Clusters and Collective Magnetic Excitations**. Each of these

topics will be expanded in a series of tutorials, to be held in small groups, which will also include hands-on data analysis sessions. The combination of introductory lectures, scientific sessions and training in scattering techniques will provide participants with a unique opportunity to become familiar with neutron scattering methods and their applications to current research topics.

Perspective participants should fill the Registration Form; financial assistance can be requested by filling the Financial Assistance Form. From February both forms will be available at the following web address:

[www.fis.uniroma3.it/sns\\_fpr](http://www.fis.uniroma3.it/sns_fpr).

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