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UNIVERSITÀ DEGLI STUDI  
DI MILANO  
BICOCCA

# X SCHOOL OF NEUTRON SCATTERING FRANCESCO PAOLO RICCI: ELECTRONVOLT NEUTRON SPECTROSCOPY OF MATERIALS: MICROSCOPIC DYNAMICS AND ENABLING TECHNIQUES

September 25<sup>th</sup> – October 4<sup>th</sup> 2010

Villa Mondragone, Monte Porzio Catone, Rome - Italy, [www.villamondragone.it](http://www.villamondragone.it)

The school, established in 1994, is primarily addressed to graduate students or postdoctoral with an interest in Neutron Scattering. The School will comprise **lectures, tutorials and hands-on data analysis sessions**, covering diverse aspects of Neutron Scattering, with an emphasis on techniques and instrumentation designed to study the electronvolt neutron spectroscopy of materials and related techniques. The School will commence on September 25th 2010, with a series of introductory lectures covering the fundamental aspects of neutron scattering and neutron instrumentation. During the next few days, a series of lectures will follow to provide the basis to understand short-scale microscopic dynamics, momentum distributions, thermal and high energy neutron imaging and diagnostics. Each of these topics will be expanded in a series of tutorials, 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.

There are **25 places available** for students attending the school. Those who have pre-registered will be offered places preferentially in the event that the School is oversubscribed. Applicants will be notified if they have been accepted for the School by 10 July 2010. **Bursaries**, provided from the sponsors, will be available for the purpose of increasing the participation of international and national research scientists. These may be used to cover attendant's expenses such as hotel, travel, etc. Total travel and subsistence expenses are usually not provided.

## LECTURERS:

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