



**The Course of the PhD School in " Nano- and Physical Sciences" 2008**

**"Advance Solid State Physics" (Prof. Massimo Rontani)**

including

Introduction to Magnetism

A Primer in Second Quantization

The Exchange Interaction

The Hubbard Hamiltonian

Model Hamiltonian and Magnetism

will be held in the following days at Physics Department

- 1) Monday 12 May Time: 15-17 Aula A
- 2) Tuesday 13 May Time: 9-11 Aula C
- 3) Monday 19 May Time 15-17 Aula A
- 4) Friday 23 May Time 15-17 Aula A
- 5) Tuesday 27 May Time 15-17 Aula A
- 6) Wednesday 28 May Time 9-11 Aula D

**Focus Groups will be arranged at the end of the course**

The Director of the PhD School in " Nano- and Physical Sciences"  
Prof. Stefano Ossicini