



**4th Conference of the Italian Magnetism Society (AIMagn)**

# MAGNET 2015

**February 17-19 2015, Bologna**

**CNR Research Area  
Via Gobetti 101, Bologna**

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**Lucia Del Bianco (Uni. Bologna)**

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The 4th Italian Conference on Magnetism will be held in Bologna, from **February 17 to February 19, 2015**.

The Conference is promoted by the Italian Magnetism Society and organized by the Institute of Nanostructured Materials – ISMN CNR and by the Department of Physics and Astronomy of Bologna University.

The Conference is aimed at presenting and discussing recent achievements in both fundamental and applied magnetism, bringing together researchers from Universities, public Research Institutions and companies working in the field of magnetism.

## Topics

1. *Soft and hard magnetic materials*
2. *Micromagnetics, magnetization dynamics, spin dynamics*
3. *Two dimensional magnetism, thin films and multilayers*
4. *Surfaces and interfaces*
5. *Nanomagnetism, nanoparticles, and nanostructures*
6. *Quantum spin systems and molecular magnetism*
7. *Spintronics: materials and devices*
8. *Multifunctional magnetic materials (multiferroics, oxides, topological insulators, Heusler alloys...)*
9. *Superconductivity and magnetism*
10. *Biomagnetism*
11. *Applications (energy, magnetic recording, sensors)*
12. *Advanced measurement techniques*
13. *Interdisciplinary topics*

## Invited Speakers

**Florence Gazeau** Laboratoire Matière et Systèmes Complexes, CNRS  
- Université Paris Diderot, Paris, France

**Stefano Sanvito** Trinity College CRANN, Dublin, Ireland

**Paolo Vavassori** CIC-Nanogune, San Sebastian, Spain