

# 4<sup>th</sup> Italian School of Magnetism on Advanced magnetic materials and devices for biomedical applications Turin 21-25 May 2018

The School promoted by the Italian Association of Magnetism (AIMagn) is addressed to graduate and PhD students, as well as post-docs and young researchers, both Italians and foreigners, working on the various topics of Magnetism

The 4<sup>th</sup> Italian school on Magnetism will provide a deep and comprehensive updated state of the art of the applications of magnetic materials and devices in the field of biomedicine. The program consists of introductory lectures on the fundamentals of magnetism and of properties of magnetic materials, followed by specialised lectures

## Topics

- Nanomagnetism
- Magnetic Nanoparticles in therapy and diagnostics
- Spintronic and multifunctional sensors
- Drug delivery
- Hyperthermia
- MRI and other resonance techniques
- Spins in biological systems

The lectures will be in English. Students will be invited to shortly present their scientific activity in a dedicated session and to prepare a poster to be displayed for the whole school duration.

## Chairs

Paola Tiberto INRIM  
Ilaria Bergenti CNR-ISMN  
Franca Albertini CNR-IMEM AIMagn president

## Organizing committee

Marco Coisson INRIM  
Federica Celegato INRIM  
Gabriele Barrera INRIM

## Program Committee

Marcello Baricco Università di Torino  
Lucia Del Bianco Università di Ferrara  
Giovanni Carlotti Università di Perugia  
Riccardo Bertacco Politecnico di Milano

For application and further information please visit the webpage:

**[www.aimagn.org/scuola2018](http://www.aimagn.org/scuola2018)**

**Deadline for application: 16 April 2018**

e-mail: [scuola2018.aimagn@gmail.com](mailto:scuola2018.aimagn@gmail.com)



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