



AIMagn Colloquium: New directions in Spintronics

June 23rd 2023

Department of Chemistry and Industrial Chemistry

University of Pisa

Program

11:30 – 11:45	<i>Opening Remarks</i> Paola Tiberto – INRIM, Torino – AIMagn President Francesco Pineider – Università di Pisa Claudio Sangregorio – CNR-ICCOM, Firenze
11:45 – 12:45	<i>Ferrimagnetic Spintronics</i> John Michael David Coey – Trinity College, Ireland
12:45 – 14:00	Lunch
14:00 – 14:30	<i>Magnon-spintronics meets chirality: Spin waves in presence of interfacial Dzyaloshinskii–Moriya interaction</i> Giovanni Carlotti – Università di Perugia
14:30 – 15:00	<i>Molecules on magnetic surfaces: An effective way to manipulate the spin states</i> Iaria Bergenti – CNR-ISMN, Bologna
15:00 – 15:30	<i>Magnetoplasmonics in heavily-doped semiconductor nanocrystals: Lessons from spintronics</i> Alessio Gabbani - Università di Pisa
15:30 – 16:00	Coffee Break
16:00 – 16:30	<i>The novel frontier of spintronic MEMS</i> Andrea Meo – Politecnico di Bari
16:30 – 17:00	<i>Ferroelectric control of the spin-charge conversion for ultralow power spintronics</i> Christian Rinaldi – Politecnico di Milano
17:00 – 17:15	<i>Closing Remarks</i>