

2023 IEEE Magnetics Society Summer School

Carovigno-Bari, Italy - June 11-16, 2023



Program at a glance



	Sun11		Mon12	Tue13	Wed14		Thu15		Fri16
		8:00	Breakfast	Breakfast	Breakfast	7:00	Breakfast	8:00	Breakfast
		9:00 11:15	Lecture * O. Fruchart	Lecture * K.-J. Lee	Lecture * A. Chumak		Politecnico Visit	9:00 11:15	Lecture * S. Majetich
		11:15 11:45	Coffee Break	Coffee Break	Coffee Break	7:45 12:45		11:15 11:45	Coffee Break
		11:45 12:45	Lecture E. Palmero	Lecture DL M. Vazquez	Lecture DL Y. Tanaka			11:45 12:45	Lecture DL S. Cardoso
		12:45 14:30	Lunch break	Lunch break	Lunch break		Bari Excursion	12:45 14:30	Lunch break
		14:30 16:30	Poster Session	Poster Session	Poster Session			14:30 18:00	Lectures # P. Li G. Finocchio V. Puliafito
16:30	Registration	16:30	Lecture * C. Dennis	Lecture * D. Makarov	Lecture * H. Yang	12:45 19:30		18:00	Awards Ceremony
17:30	Opening	18:45					18:15	Closing	
18:00 19:00	Lecture A. Hirohata - G. Finocchio	18:45 19:30	Social break	Social break	Social break		18:30 19:30	Social break	
19:00 20:00	Welcome cocktail	19:30	Dinner	Gala Dinner	Dinner	21:00	Dinner	Dinner	
19:30 21:00	Dinner	21:00					19:30 21:00		

Notes:

* Lectures including 15 mins of short break.

Three lectures with a 30 min break after the 2nd lecture.

All the timeslots for lectures include question time.

School venue is Riva Marina Resort, loc. Specchiolla, Carovigno (BR), Italy.

Breakfast hall is open from 7:30 to 9:00 (last entrance), except from Thu 15 when it will be open at 6:45.

Lunch hall is open from 12:30 to 14:00 (last entrance).

Dinner hall is open from 19:30 to 21:00 (last entrance), except from Thu 15 when it will be open until 21:30 (last entrance).



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Program in detail



Sun11	
16:30	Registration
17:30	Opening Vito Puliafito , <i>co-Director of the School, Politecnico di Bari, Italy</i> Gennaro Boggia , <i>Chair of the Department of Electrical and Information Engineering, Politecnico di Bari, Italy</i> Atsufumi Hirohata , <i>President of IEEE Magnetics Society, University of York, UK</i> Hyunsoo Yang , <i>Chair of the IEEE Magnetics Society Educational Committee, National University of Singapore</i> Giovanni Finocchio , <i>co-Director of the School, University of Messina, Italy</i>
18:00-19:00	Lecture: "Career aspects and journal editors' perspective" Atsufumi Hirohata , <i>President of IEEE Magnetics Society, University of York, UK</i> & Giovanni Finocchio , <i>co-Director of the School, University of Messina, Italy</i>
19:00-20:00	Welcome cocktail
Mon12	
9:00-11:15	Lecture: "Fundamentals of magnetism" Olivier Fruchart , <i>SPINTEC, France</i>
11:45-12:45	Lecture: "Permanent magnets: advanced manufacturing techniques and applications" Ester Palmero , <i>IMDEA Nanoscience, Madrid, Spain</i>
14:30-16:30	Poster Session A
16:30-18:45	Lecture: "Measurements in Magnetism" Cindi Dennis , <i>National Institute of Standards and Technology, USA</i>
Tue13	
9:00-11:15	Lecture: "Simulations and theory on magnetism" Kyung-Jin Lee , <i>KAIST, South Korea</i>
11:45-12:45	Lecture: "Cylindrical micro- and nanowires: from curvature effects on magnetization to sensing applications" Manuel Vázquez , <i>2023 IEEE Magnetics Society DL, Institute of Materials Science of Madrid, CSIC, Spain</i>
14:30-16:30	Poster Session B
16:30-18:45	Lecture: "Magnetic textures: from fundamentals to applications" Denys Makarov , <i>Helmholtz-Zentrum Dresden-Rossendorf e.V., Germany</i>
19:30	Gala Dinner
Wed14	
9:00-11:15	Lecture: "Magnonics and magnetization dynamics" Andrii Chumak , <i>University of Vienna, Austria</i>
11:45-12:45	Lecture: "Magnetic data storage technology: from the invention of perpendicular magnetic recording to social integration" Yoichiro Tanaka , <i>2023 IEEE Magnetics Society DL, Tohoku University, Japan</i>
14:30-16:30	Poster Session C
16:30-18:45	Lecture: "Spintronics" Hyunsoo Yang , <i>Chair of the IEEE Magnetics Society Educational Committee, National University of Singapore</i>

Thu15	A day in Bari
7:00	Breakfast
7:45	Departure from Riva Marina
9:15	Arrival at the Politecnico
9:30	The IEEE Summer School at the Politecnico di Bari Vito Puliafito , <i>co-Director of the School, Politecnico di Bari</i> Francesco Cupertino , <i>Rector of the Politecnico di Bari</i> May Inn Sim , <i>Chair of IEEE Magnetics Society Students in Magnetism</i> Presentations of the best posters
12:00	Light lunch in the Atrium
13:30	Free excursion in Bari with a suggested list of things to see and do
19:30	Departure from Bari
21:00	Arrival at Riva Marina for dinner

Fri16	
9:00-11:15	Lecture: "Nanomagnetism and bio applications" Sara Majetich , <i>Carnegie Mellon University, USA</i>
11:45-12:45	Lecture: "Magnetic Sensors: From Ultrathin Film Growth to Sensor Integration in Unexpected Systems" Susana Cardoso de Freitas , <i>2023 IEEE Magnetics Society DL, INESC-MN and Instituto Superior Tecnico, Lisboa, Portugal</i>
14:30-15:30	Lecture: "2D magnetic materials" Peng Li , <i>University of Science and Technology of China</i>
15:30-16:30	Lecture: "Magnetic solutions for Unconventional Computing" Giovanni Finocchio , <i>co-Director of the School, Politecnico di Bari, Italy</i>
17:00-18:00	Lecture: "Microwave and THz applications with spintronic devices" Vito Puliafito , <i>co-Director of the School, Politecnico di Bari, Italy</i>
18:00-18:30	Awards Ceremony and Closing



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