

Trends in Magnetism

4th-9th September 2022, Venice



Welcome to the 2nd TMAG Conference, the flagship event of Petaspin Association!

www.unive.it/tmag2022 - www.petaspin.com/tmag2022

- Fully in presence
- Gordon-style conference
- Main topic: Antiferromagnetism and Light
- Poster sessions open to many other topics
- Poster awards for each session
- A few steps from Canal Grande
- Social dinner in the lagoon
- Exciting social activities



Topics of the conference:

- Antiferromagnetic spintronics
- Antiferromagnetic materials
- Light and magnetism
- Novel light sources
- Biomagnetism
- Magnetic domain walls
- Magnetization dynamics
- Modeling of magnetic materials
- Novel magnetic materials and multilayers
- Spin torque switching, spin torque nano-oscillators and detectors
- Spin waves and magnonics
- Spin-orbit torques
- Spintronics for neuromorphic and unconventional computing
- Topological magnetism
- Ultrafast magnetism

Invited speakers

- Lucia Aballe
- Yves Acremann
- Franca Albertini
- Matthias Althammer
- Davide Bossini
- Daniele Brida
- Erick Burgos-Parra
- Antonio Caretta
- Lucas Caretta
- Jean-Yves Chauleau
- Chiara Ciccarelli
- Claire Donnelly
- Giovanni Finocchio
- Peter Fischer
- Laura Foglia
- Michael Först
- Filomena Forte
- Shunsuke Fukami
- Myrta Gruening
- Axel Hoffmann
- Tomas Jungwirth
- Andy Kent
- Nicholas Kioussis
- Alessandra Lanzara
- Romain Lebrun
- Alice Mizrahi
- Yuriy Mokrousov
- Takahiro Moriyama
- Özhan Özatay
- Philipp Pirro
- Helena Reichlova
- Jean-Eric Wegrove
- Peng Yan

Discussion leaders

- Pallavi Dhagat
- Burkard Hillebrands
- Nicolas Jaouen
- Alexey Kimel
- Mathias Kläui
- Olivier Klein
- Andrei Slavin
- Paolo Vavassori



Nobel Lecture
prof. Albert Fert



«We hope to see you in Venice!!»

Stefano, Vito and Jairo

Scientific Program committee

- **Jairo Sinova** - Chair
- Can Onur Avci
- Stefano Bonetti
- Kerem Camsari
- Pallavi Dhagat
- Olena Gomonay
- Andrea Locatelli
- Christos Panagopoulos
- Daniela Petti
- Vito Puliafito
- Paola Tiberto
- Caterina Vozzi
- Guoqiang Yu

Organizing Committee

- **Stefano Bonetti**, University of Venice
- **Vito Puliafito**, Politecnico di Bari
- **Jairo Sinova**, JGU Mainz, Germany
- **Olena Gomonay**, JGU Mainz, Germany
- **Daniela Petti**, Politecnico di Milano
- **Caterina Vozzi**, CNR Milano
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Conference Chairs



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