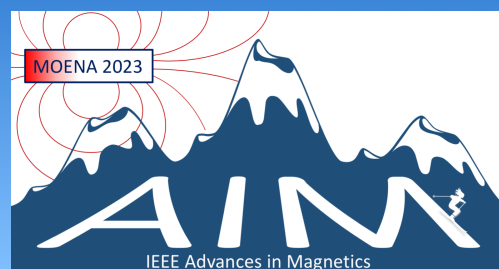


IEEE Advances in Magnetism 2023

January 15-18 - Moena (Trento), Italy



Web site: www.aim2023.com
Abstract submission: aim2023@aim2023.com
General information: info@aim2023.com
Conference chairs: cinzia.beatrice@aim2023.com
antonino.laudani@aim2023.com

IEEE AIM 2023 will be the fourth edition of the international conference Advances in Magnetism, which has as location the Italian Alps during the winter period. Previous IEEE AIM conferences took place in Bormio (2016), La Thuile (2018) and Moena (2021). Moena should have host in June 2021 the summer IEEE AIM edition, but due to pandemic restrictions the conference went online. For this reason, Moena will at last host in January 2023 the winter IEEE AIM edition, like in Bormio and La Thuile.

IEEE AIM 2023 will represent a forum for presentation and discussion of the most recent advancements in all the fields of magnetism: theory, numerical modelling, experiments and applications.

The event is open to experts and scientists with different backgrounds (engineers, physicists, mathematicians, material scientists, chemists, biologists, etc.) to present, discuss, exchange ideas, methods and results.

Several **Technical Sessions** are already scheduled and others can be proposed by e-mail until May 31, 2022.

- * Biomagnetism and Biomedical Applications
- * Magnetic Recording, Magnetic Memories and Sensors
- * Magnetic Material for Energy Applications
- * Additive Manufacturing of Magnetic Material
- * Spin Waves and Magnonics
- * Spintronics
- * Spin-Orbit Torque
- * Skyrmions
- * Mathematical Modeling and Micromagnetics
- * Macroscale Modeling of Magnetic and Multifunctional Materials and Devices
- * FORC-based Identification Techniques
- * Non-Destructive Testing
- * Artificial Intelligence and Soft-Computing
- * Magnetic Levitation and Bearings, Electrical Machines and Electromagnetic Devices
- * Optimisation and Soft-Computing
- * Advanced Measurement Techniques

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Deadlines

Technical Session proposal31 May
Abstract Submission30 June

Abstract Acceptance15 September
Early Bird Registration close30 October