



# MMM 2026 CONFERENCE

November 2 - 6, 2026

Honolulu,  
Hawaii

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The MMM 2026 Conference will be held November 2–6, 2026, in Honolulu, Hawaii. Members of the international scientific and engineering communities—across all areas of fundamental and applied magnetism—are warmly invited to attend and actively participate in its technical sessions. The Conference provides an exceptional opportunity to share your research, connect with a broad and diverse community of researchers working in magnetism, and learn about the latest developments across the field. Up-to-date information on the Conference is available at [www.magnetism.org](http://www.magnetism.org), and a compilation of this information is provided in this PDF. We look forward to welcoming the entire global magnetism community to Honolulu for an exciting, enjoyable, and productive Conference.

## Important Dates

*Please Note:* New Nomination and Abstract Submission Schedule!

Invited Speaker and Symposium Nominations Site Opens .....	December 1, 2025
<b>Invited Speaker and Symposium Nominations Deadline .....</b>	<b>January 16, 2026</b>
Abstract Submission Site Opens.....	February 9, 2026
Abstract Submission Deadline for Early Decision for Visa Applications .....	February 23, 2026
Early Decision Notifications Sent for Visa Applications .....	March 9, 2026
<b>Abstract Submission Deadline .....</b>	<b>April 24, 2026</b>
Best Student Presentation Award Application Deadline.....	April 24, 2026
Child Care and Student Travel Support Applications Deadline .....	May 29, 2026
Conference Registration and Magnetism as Art Submission Sites Open.....	June 5, 2026
Author Notification Letters Sent.....	June 12, 2026
Manuscript Submission Site Opens: .....	September 14, 2026
Magnetism as Art Submission Deadline.....	October 5, 2026
Manuscript Submission Deadline .....	October 5, 2026
Presenter and Session Chair Registration Deadline.....	October 9, 2026
Advance Registration Deadline .....	October 9, 2026
Hotel Reservations Deadline.....	October 12, 2026

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**MMM 2026 TECHNICAL SUBJECT CATEGORIES:** The Conference will include fundamental and applied science and technology related to magnetism and magnetic materials. Parallel technical sessions will be organized based on the categories listed below, complemented by additional symposium sessions created from community nominations. The technical subject categories are as follows:

## 1. Fundamental Properties and Cooperative Phenomena

- Electronic Structure and Critical Phenomena
- Highly Frustrated Magnetism, Spin Glasses and Heavy Fermion Systems
- Quantum Materials and Cooperative States: Superconductivity, Spin Liquids, Chern Insulators
- Low-Dimensional Systems Molecular and Organic Magnets
- 2D and Topological Magnets

## 2. Magnetoelectronic Materials and Phenomena

- Multiferroic Materials, Heterostructures and Magnetoelectric Phenomena
- Complex Oxides
- Half-Metallic Materials and Magnetic Semiconductors
- New and Developing Magnetoelectronic Materials
- Magneto-ionics

## 3. Spintronics

- Magnetoresistance (homogenous materials, GMR, TMR, TAMR)
- Spin Injection, Damping and Spin Pumping
- Superconducting Spintronics
- Antiferromagnetic and Ferrimagnetic Spintronics
- Altermagnets
- Ultrafast and THz Spintronics
- Skyrmions
- Orbitronics
- Spin-Charge Conversion
- Topological Insulators, 2D, and Layered van der Waals Devices

## 4. Magnetization Dynamics and Micromagnetics

- Magnetization Dynamics, Damping, and Ultrafast Switching
- Spin Waves and Magnonics
- Domain Wall and Topological Texture Dynamics and Devices
- Micromagnetic, Atomistic, and Hysteresis Modeling
- Modeling of Magnetic Materials
- AI/Machine Learning Computational Methods for Materials Research

## 5. Soft Magnetic Materials

- Ferrites and Garnets
- Crystalline Alloys
- Amorphous and Nanocrystalline Materials

## 6. Hard Magnetic Materials

- Rare-Earth Compounds
- Rare-Earth Free Hard Magnetic Materials
- Nanostructured and Composite and Other Hard Magnetic Materials

## 7. Structured Materials

- Thin Films and Surface Effects
- Multi-Layered Films and Superlattices
- Nanoparticle and Nanowire Arrays and Self-Assembly
- Nanocomposite Magnetic Materials
- 3D and Other Magnetic Structures
- Exchange Bias

## 8. Multi-functional Magnetic Materials and Applications

- Magneto-Optical Materials and Devices
- Magneto-Elastic Materials and Devices
- Magneto-Caloric Materials and Devices
- New Coupled Magnetic Phenomena

## 9. Magnetic Recording, Storage and Computing

- Energy-Assisted Recording, Media, Write and Read Heads
- Recording Physics, Modeling, Theory, and Testing
- Unconventional Computing (Neuromorphic, Ising, Stochastic, Reservoir...)
- All-Optical Recording and Other New Recording
- STT-MRAM, SOT-MRAM, Magnetic Logic, and Related Devices

## 10. Sensors, High Frequency Devices and Power Devices

- Magnetic Sensors (Non-Recording), and Energy Harvesting
- High Frequency, Microwave, and Millimeter Wave Devices
- Transformers and Inductors
- Magnetics for Power Electronics and Control
- Shielding, Levitation, and Propulsion

## 11. Interdisciplinary and Emerging Topics

- Bio-Magnetism and Biomedical Applications
- New Applications and Other Emerging Topics
- Education, Outreach, and Public Engagement in Magnetism

## 12. Magnetic Characterization

- Magnetic Microscopy and Imaging
- Instrumentation and Measurements Techniques



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## New This Year:

Symposia sessions will be a blend of invited and contributed presentations. **If submitting a symposia nomination, it should include only three (3) invited speakers.** The remaining slots will be filled by contributed presentations submitted during the abstract submission phase which will be upgraded to symposia short oral or invited talks as recommended by the Program Committee.



**PROGRAM:** MMM 2026 will offer an in-person Conference in Honolulu, Hawaii. The program will consist of invited and contributed presentations falling broadly within the scope of the categories listed on the previous page. Special sessions held onsite, including the Symposia, Tutorial, and Evening Sessions, will be part of the in-person program.

**INVITED TALKS AND SYMPOSIA NOMINATIONS: Nominations site opens December 1, 2025.** Individual invited presentations and are an important aspect of the program. Invited speakers will be selected from the nominations received and will be contacted by the Program Co-Chairs in early February. **All invited speakers (single speakers and symposia) will be expected to present onsite in Honolulu, Hawaii.** Nominations for invited speakers and symposia will be accepted through January 16, 2026 at [www.magnetism.org](http://www.magnetism.org) under “Authors, Nominations”. We are seeking diverse nominations that represent the most exciting work in the international magnetism community.

To increase the possibility of success for your nomination, please consider:

- emphasizing speakers who did not give invited talks in the most recent conferences;
- keeping in mind diversity of topics and speakers from our community;
- listing recent references related to the nominated work;
- commenting on the presentation capability and availability of the speakers; and
- choosing a symposium title that appeals to the broad magnetism community.

**ABSTRACT SUBMISSION REQUIREMENTS:** Complete details on formatting your abstract and the online submission process may be found at [www.magnetism.org](http://www.magnetism.org) under “Authors, Abstract Submissions.” All abstracts must be submitted electronically, and the presenting author must be a registered Conference attendee. The Conference does not provide financial support or registration fee waivers for any presenters.

### Important Deadlines:

- February 9, 2026: Abstract submission site opens.
- February 23, 2026: Abstract submission deadline for early decisions for visa applications.
- March 9, 2026: Early decision notifications sent for visa applications.
- **April 24, 2026: Abstract submission deadline.**
- June 12, 2026: Authors notified regarding the status of their submission.

### Option for early decisions for visa applications!

We encourage our participants from countries that have experienced long wait times for approval of visas to the US to apply for their visas as early as possible! **If you need to apply for such a visa and would like to receive an early decision notification, you must submit an abstract by February 23, 2026, and select the “Early Notification for Visa” box during the submission process.** Early decision notifications will be sent by March 9. Please note that early decision letters will not contain any presentation date, time, or session details. Presentation details will be included in the abstract notification emails sent by June 12. **Early decisions are only available for applicants in countries experiencing visa delays.**



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**CONTRIBUTED ABSTRACTS:** Contributed abstracts accepted for the Conference will be presented either as oral or poster presentations. Both oral and poster presentations are vital to the success of the Conference and are expected to be of similarly high technical quality.

#### Oral Contributed Presentations:

- All oral contributed presenters must present onsite.
- The contributed presentation format is a 10-minute talk by the registered author, followed by a 2-minute discussion period.

#### Poster Presentations:

- Posters should consist of well-prepared visual materials describing the work.
- Posters should be printed to fit the onsite presentation board dimensions of 46 inches tall by 94 inches wide (landscape orientation).
- Posting a copy of a paper is NOT appropriate and will be treated as a NO SHOW.

No Show Policy: If any of the following applies, then the paper will be recorded as a NO SHOW and will not be published.

- Abstracts that are listed in the program but are NOT presented in person.
- Abstracts that are presented by an unregistered and/or unknowledgeable author or representative.
- Abstracts that did not have a registered author or representative available and responsive during their poster session to address questions.

*New This Year!* When submitting an abstract, authors should indicate their preference for an oral or poster presentation and will also have the opportunity to select a specific symposium session to be considered for a symposium short oral talk. However, the Program Committee will make the final decision on the assignment of abstracts to specific sessions and the presentation format (oral, symposium short oral or poster).

**ABSTRACT CRITERIA:** To maximize your chances of acceptance, keep in mind the following abstract criteria:

- Choose your category and subcategory with care. This helps ensure the most informed review of your abstract.
- The abstract must report a substantial advance in the science of magnetism or magnetic materials.
- The advance in knowledge must be both original and significant.
- The work reported must be complete, with specific reference to new results. Lack of sufficient context and details may result in abstract rejection.
- The Program Committee wishes to permit as many groups as possible to present their work. Groups or individuals considering the submission of several related abstracts should, wherever possible, combine them into a single submission.
- The abstract must be written in clear English. If necessary, please have a native English speaker edit your abstract before submission.

### *New This Year:* **GO GREENER — PROTECT OUR PLANET**

To reduce the environmental impact of MMM 2026, the Conference will match carbon-offset contributions for the first 200 attendees through MyClimate. While in-person participation remains essential for meaningful scientific exchange, we encourage all attendees to consider offsetting the emissions associated with their travel. An option to purchase carbon offsets will be available during registration, along with a link to an emissions calculator.



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## *New This Year:* MORNING HAWAIIAN ACTIVITY

Each morning, a single sunrise activity will be offered on Waikiki Beach, directly in front of the Conference Hotel. The activity will be different each day—such as jogging, snorkeling, yoga, or a guided fitness session—and participation will be limited to 50 attendees. More information will be available on the Conference website, and registration will open together with the main Conference registration on June 5th.



**PUBLICATIONS:** Conference papers will be published online in early 2027 in *AIP Advances* as a special topic. *AIP Advances* is an open access journal published by AIP Publishing, and articles are freely available to read, download and share. All previously published MMM articles can be viewed at <http://mmm.aip.org>, and published Conference papers are identified by presentation IDs. **All MMM Conference papers published in *AIP Advances* will be open access at no additional cost to the authors.** Detailed instructions on the preparation of manuscripts is available at [www.magnetism.org](http://www.magnetism.org) under “Authors, Publications.”

- The manuscript submission site opens on September 14, 2026. All manuscripts must be received by October 5, 2026. Post-deadline manuscripts will not be accepted and not forwarded for review.
- To be published, papers must be presented at the Conference by an author (or representative) registered at the Conference AND knowledgeable about the work.
- Reviewing and revisions will be handled through the online system. Review standards are the same as those used for regular articles submitted to *AIP Advances*. Due to time deadlines, a second review may not be possible for resubmitted papers that were originally rejected.
- **Paper length recommendations are 6,000 words for invited papers and 3,500 words for contributed papers.** The length of the paper should be dictated by good use of journal space.
- All manuscripts must be submitted through the AIP Publishing online submission system, PeerX-Press.
- All papers will have one peer review, and the final decision on the publication of the manuscripts will be made by the AIP editors.

**ADVANCES IN MAGNETISM AWARD:** *AIP Advances* will sponsor the fifth annual **Advances in Magnetism Award**. The Award will be given to the best paper submitted as part of the MMM 2026 Conference and presented at MMM 2028. **To be eligible to win this exciting award, you must submit your MMM 2026 Conference paper to *AIP Advances*. The winner will receive a cash prize of \$3,500 plus a travel allowance!**

**SUPPORT OPPORTUNITIES:** Organizations interested in supporting Conference events should contact [info@magnetism.org](mailto:info@magnetism.org).

**HOTEL:** A block of rooms at the Hilton Hawaiian Village has been reserved for attendees at discounted rates. Reservation link will be posted on the Conference website soon.

**REGISTRATION:** Conference registration fees and the online registration link will be available on the Conference website on June 5, 2026.

**REQUIREMENTS FOR ENTRY INTO THE USA:** Obtaining your visa to enter the U.S. may take several months. Applicants should consult the U.S. Department of State’s website to determine first if you need a U.S. visa or visa renewal, to schedule an appointment for an interview and to determine processing wait times. **If you need to apply for such a visa and would like to receive an early decision notification, you must submit an abstract by February 23, 2026, and select the “Early Notification for Visa” box during the submission process.** Early decision notifications will be sent by March 9 for presenters to obtain their visa. To request a letter of invitation from the Conference, complete the online form at [www.magnetism.org](http://www.magnetism.org) under “Travel, Visa & Entry Info.” **You must be either a registered Conference attendee or have submitted an abstract in order to receive an invitation letter.**



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**BEST STUDENT PRESENTATION AWARD:** This award recognizes and encourages excellence in graduate studies in the field of magnetism. The winner receives \$1,000 and remaining finalists each receive \$250. For additional details on and the selection process go to [www.magnetism.org](http://www.magnetism.org) under “Awards.”

### Congratulations to the Best Student Presentation Award winner and the finalists at the MMM 2025 Conference:

*Winner:*

**Bob Vermeulen, IMEC; KU Leuven**

*Finalists:*

*Qi Jia, University of Minnesota*

*Guilherme Fidelis Peixer, Federal University of Santa Catarina*

*May Inn Sim, National University of Singapore*

*Zihan Yin, Max Planck Institute of Microstructure Physics;*

*Martin-Luther-Universität Halle-Wittenberg*

### Eligibility:

- The nominee must be a full-time graduate student expecting to graduate within one year of the Conference. Postdoctoral fellows, undergraduates or non-students are not eligible.
- The student's area of research may either be theoretical or experimental in any of the general technical and scientific areas normally presented as part of the Conference.
- The student's regularly submitted abstract must be accepted as an oral presentation through the normal abstract review process by the Program Committee.
- The student must attend the Conference and present in person.

### Student Award Application Procedure:

1. Students must submit an abstract to the Conference according to the submission guidelines and deadlines as outlined on the Conference website. DO NOT identify the abstract as part of the student award competition in the text of the abstract. **The abstract submission deadline is April 24, 2026.**
2. Award applications will be accepted via ScholarOne, and must include the following supplemental information:
  - Expected graduation date, advisor name, advisor email;
  - Extended two-page abstract of the presentation which includes a short (300 words or less) explanation of your contribution to the work and significance of the research results; and
  - Letter of support from the student's advisor.

**STUDENT TRAVEL SUPPORT:** The Conference will offer travel support to a limited number of qualified students who wish to attend the Conference. This support is intended to offset travel costs.

**The deadline for submitting applications and letters of endorsement is May 29, 2026.** For additional details on eligibility requirements and the application process, go to [www.magnetism.org](http://www.magnetism.org) under “Travel, Travel Support.”

**CHILD CARE SUPPORT:** There is a limited amount of child care support funding for Conference attendees who bring small children to the meeting or who incur extra expenses in leaving their children at home (i.e., extra daycare or babysitting services). For additional details on allowable expenses and the application form, go to [www.magnetism.org](http://www.magnetism.org) under “Travel, Child Care Support.” **The deadline for submitting applications is May 29, 2026.**

**BEST POSTER AWARDS:** All in-person posters will be eligible for nomination for this award provided they meet the requirements detailed on the Conference website. Authors must attend in person to present their poster. The best poster award is open to all poster presenters. However, the judges will take into consideration the career stage of the presenter with a preference given to early career researchers. Selections, made by Poster Session Chairs, will be based on the level of the research, quality of the poster, and clarity of the presentation. Award winners will be announced during the Conference and prominently displayed onsite.

**MAGNETISM AS ART SHOWCASE:** MMM 2026 will host a Magnetism as Art Showcase to highlight the beauty of magnetism and magnetic materials. All submissions will be displayed on the Conference website. Four finalists will be selected by a panel of judges and those submissions will be displayed onsite. The winner will be selected by popular vote.

Detailed information on the Showcase rules and submission requirements are available at [www.magnetism.org](http://www.magnetism.org) under “Program, Magnetism as Art Showcase.” **The submission deadline is October 5, 2026.**

**ADDITIONAL INFORMATION:** To receive additional information about the MMM 2026 Conference, to be added to the Conference mailing list, or to update your address, contact [info@magnetism.org](mailto:info@magnetism.org). The latest information on the MMM 2026 Conference can be found at [www.magnetism.org](http://www.magnetism.org).

## Future Conferences

### 2026 INTERMAG CONFERENCE

April 13 – 17, 2026, Manchester, United Kingdom

### 2026 CONFERENCE ON MAGNETISM AND MAGNETIC MATERIALS

November 2 – 6, 2026, Honolulu, Hawaii

### 2027 INTERMAG CONFERENCE

May 10 – 14, 2027, Jeju Island, South Korea

### 2027 INTERNATIONAL CONFERENCE ON MAGNETISM (ICM2027)

June 14 – 18, 2027, San Juan, Puerto Rico



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