

NEWSLETTER, February 2023

<https://engage.aps.org/gmag/home>

Note from the Chair

Dear GMAG Members:


In this February 2023 Newsletter recent APS/GMAG activities and programs are highlighted. One of the most exciting events is the 2023 APS March Meeting, which will be held in **in-person** and **virtual** modalities. The in-person event will be held in Las Vegas, NV on March 5-10. The virtual event is planned for March 20-22. Our GMAG program chair Clarina R. Dela Cruz and her team have worked relentlessly to put together an outstanding program, covering many important recent advances in magnetism.

Among the many activities at the in-person March Meeting, I would like to call your attention to the annual **GMAG Business Meeting** on Tuesday, March 7th (6:15 pm-7:15 pm Pacific Standard Time, Session L54, Room 306). At this meeting, we will congratulate our newly elected GMAG-sponsored APS Fellows, welcome our newly elected GMAG officers, and honor the student dissertation and travel award winners whose names are listed below. We hope to see you there!

In other news, GMAG will again provide Outreach Grants and welcomes proposals on a rolling basis for projects that educate non-scientists and the general public about magnetism. Please note the various deadlines listed toward the end of this newsletter. In particular, the deadline for Fellowship nominations sponsored by GMAG is June 1, 2023. Finally, don't forget to encourage your colleagues to join GMAG. Current APS members can take advantage of the offer for free GMAG membership for one year, as detailed below. Note that GMAG membership is always free for students who are APS members.

GMAG is always open to general suggestions and ideas for new activities. We encourage you to reach out via the GMAG Engage website (<https://engage.aps.org/gmag/contactus>).

Marcelo Jaime, Los Alamos National Laboratory
GMAG Chair



Election of GMAG Executive Committee Members for 2022-2023 (SATORU)

The GMAG election ballot closed on December 14, 2022. Congratulations to our newly elected Executive Committee Members:

Vice Chair:

William Ratcliff (National Institute of Standards and Technology)

Secretary/Treasurer:

Sujoy Roy (Lawrence Berkeley National Laboratory)

Members-at-Large:

Luqiao Liu (Massachusetts Institute of Technology)

Saima Sidiqqi (Intel Corporation)

We are delighted to have these new Executive Committee members join us in serving the magnetism community. Their terms will start after the 2023 March Meeting. We thank the Nominating Committee – Satoru Emori (chair), Gregory Fuchs, Alannah Hallas, and Ni Ni for putting together an excellent slate of candidates.

We would also like to thank outgoing Executive Committee members for their dedicated service: Past Chair Julie Borchers, Secretary/Treasurer Jaime Fernandez-Baca, and Members-at-Large Sarah Watzman and Christianne Beekman.

GMAG Sponsored 2022 APS Fellows

In 2022, from nominations by the magnetism community, GMAG recommended our full allotment of 3 outstanding APS members to be elected as Fellows of the APS. We were very pleased that all 3 nominations were selected by the APS General Fellowship Committee. The new GMAG APS Fellows are listed below along with their citations.

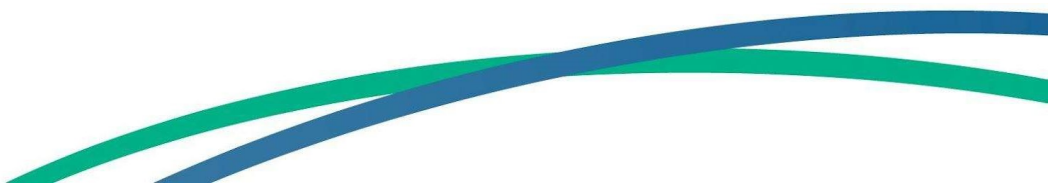
Sergio O. Valenzuela, Institut Català de Nanotecnologia, Spain for: *Seminal contributions to spin transport and spin dynamics in metals and van der Waals heterostructures, including spin-orbit-coupling phenomena and proximity effects.*

Kyung-Jin Lee, KAIST, South Korea, for: *Advancing our ability to manipulate magnetization with current and using that ability to develop new technologies.*

Jonathan R Friedman, Amherst College, for: *Pioneering experimental research elucidating the quantum behavior of molecular nanomagnets and significant contributions to undergraduate physics research and education.*

GMAG Sponsored 2023 APS Fellows nominations

Please nominate deserving candidates for APS Fellowship. Send inquiries regarding nominations to William Ratcliff (william.ratcliff@nist.gov), our new Vice Chair. The deadline for nominations through GMAG is June 1, 2023. Previous nominators should note that APS has revised the submission system. More detailed information and nomination instructions can be found in the section below entitled “Nominations for APS Prizes and Awards.”



GMAG Outstanding Dissertation Awardee for March Meeting 2023

To encourage students working in magnetism, every year GMAG sponsors Outstanding Dissertation in Magnetism awards. These awards recognize students who have conducted outstanding research leading to their dissertations. The award consists of an invited talk in an appropriate session at the APS March Meeting, a \$500 prize to the student, and up to \$250 toward his/her travel expenses to attend the APS March Meeting.

Congratulations to the winner of the 2022 Outstanding Dissertation in Magnetism award who will be giving an invited talk at the 2023 March Meeting. The winner is:

Zhuoliang Ni, Department of Physics and Astronomy, University of Pennsylvania
Thesis topic: Ultrafast optics. Novel optical system design

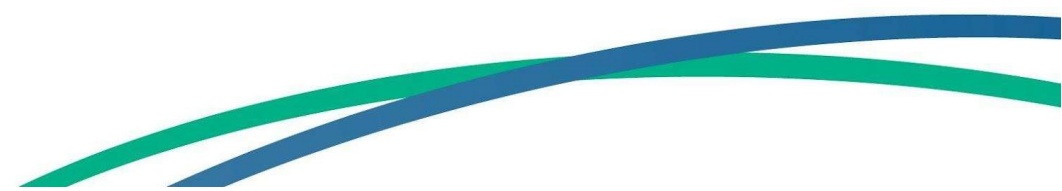
The deadline for nominations for the 2023 Outstanding Dissertation in Magnetism Awards is **August 18, 2023**. For detailed instructions, please refer to the GMAG website (<http://www.aps.org/units/gmag/awards/index.cfm>).

GMAG Student Travel Awardees for March Meeting 2023

To increase student participation and involvement in activities essential to GMAG, and the APS as a whole, GMAG is sponsoring 14 Student Travel Awards for the March Meeting. The awards consist of \$325 in travel assistance to attend the meeting. An additional \$200 is available for those students at institutions outside the United States. The selected students will have lunch with a GMAG Executive Committee member and are expected to attend the GMAG business meeting. We also ask selected students to assist at the GMAG membership table and/or serve one shift at the “Contact Congress” booth to support APS outreach for congressional support for scientific research. The Travel Awardees for 2023 are:

Alexandria Will-Cole	Northeastern University
MD Afzalur	Norfolk State University
Noah Schulz	University of South Florida
Prakash Sharma	Florida State University
Wei-Cheng Liao	University of California (Riverside)
Liyang Jacob	University of Memphis
Rakshit Jain	Cornell University
Xinyao Pei	University of California (Irvine)
Dinesh Wagle	University of Delaware
Emily Lindgren	Stanford University
Haozhe Wang	Michigan State University
Rawana Yagan	Koç University
Rachel Nickel	University of Manitoba
Nupur Khatu	Ca’Foscari University of Venice

The deadline for nominations for the 2024 Student Travel Awards is November 23, 2023. For detailed instructions, please refer to the August Newsletter and the GMAG website (<http://www.aps.org/units/gmag/awards/index.cfm>).



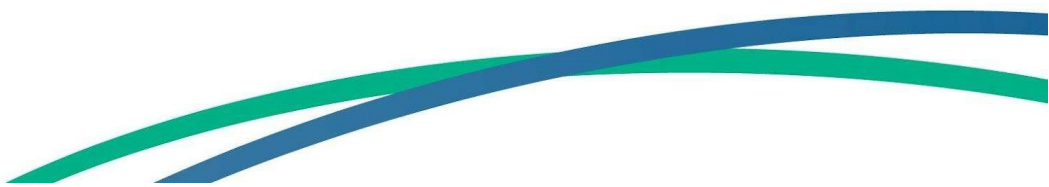
2023 APS Congressional Visits Day

Congressional Visits Day (CVD) is APS's annual kickoff advocacy event, bringing dozens of APS members to Capitol Hill to advocate on behalf of the physics community. This year CVD, in which three GMAG officers participated, took place on Jan 24 and 25. APS staff provided participants with guidelines, training, and material for the approx. 30 min long meetings with congresspeople, which took place on Jan 25. This year's policy priorities were **Funding Fundamental Research** (advocating for appropriations that match the authorizations in the CHIPS and Science Act), **High Quality STEM Teachers** (advocating for appropriations matching the authorizations level for NSF's Robert E. Noyce Teacher Scholarship Program, and related legislation), **More Inclusive Data Collection** (advocating for the reintroduction of the LGBTQI+ Data Inclusion Act), **International STEM Students** (advocating for the reintroduction of the "Keep STEM Talent Act"), and **Monitoring Methane Emissions** (advocating for the reintroduction of the Methane Emissions Mitigation Research and Development Act). Delegations were asked to discuss Funding Fundamental research in all offices, and two/three of the other initiatives time permitting. More information about these initiatives can be found at cvd.aps.org

GMAG Secretary/Treasurer Jaime Fernandez-Baca joined a delegation of APS unit officers from Tennessee and Kentucky to visit the offices of Senators Marsha Blackburn and Bill Hagerty (TN), and Senators Mitch McConnell and Rand Paul (KY), as well as the offices of Representatives John Rose and Andy Ogle (TN), and Representative Andy Barr (KY). All the interactions with the congressional staffers were very positive as they all recognized the value of the initiatives to increase competitiveness and ensure the economic health of our nation.

GMAG Member-at-Large Christianne Beekman joined a delegation of APS unit officers from Florida to visit the office of Neal Dunn (FL) where they met with staffer Beatrice Valenti, the office of Sen. Marco Rubio (FL) where they met with staffer Sarah Persichetti, and with representative Maxwell Frost (FL) in an unscheduled impromptu meeting. Discussions felt productive and all of the FL team members (2 profs, 3 grad students) had the opportunity to speak.

GMAG Chair Marcelo Jaime joined a delegation of APS unit officers from New Mexico and Alabama to visit the office of Rep. Teresa Leger Fernandez (NM) where they met with Rep. Leger Fernandez and staffer Elizabeth Arevalo, the office of Sen. Katie Britt (AL) where they met staffer Grace Evans, the office of Sen. Tommy Tuberville (AL) where they met staffers Rusk Henry and Emily McBride, the office of Rep. Mike Rogers (AL) where they met Rep. Rogers, and the office of Sen. Ben Ray Lujan (NM), where they met staffer Todd Ringler and Fellow Marianne Wilkerson. As with the other delegations, they felt welcome in all offices and receptive to the APS initiatives chosen by the delegations for discussion.

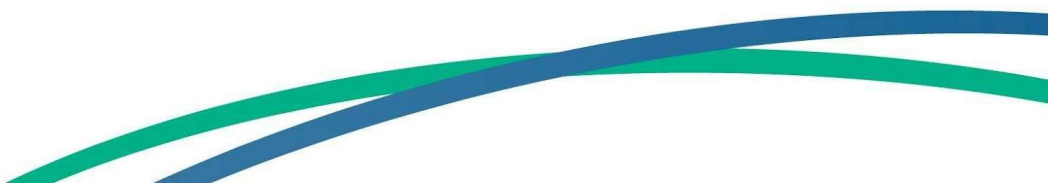




From the left, Wolfgang Korsch (U. of Kentucky), Senta Greene (Vanderbilt), Congressman Andy Barr (KY), Shane Hutson (Vanderbilt), Mary Kidd (Tennessee Tech), Jaime Fernandez-Baca (ORNL) during the 2023 American Physical Society Congressional Visits Day.



From the left, Marcelo Jaime (LANL), Congresswoman Teresa Leger Fernandez (NM), Chris Fryer (LANL), Ajeeta Khatiwada (LANL), Abraham Meles (Navajo Technical University), Vivien Zapf (LANL), during the 2023 American Physical Society Congressional Visits Day.



GMAG Business Meeting at March Meeting 2023

The GMAG annual Business Meeting will be held on Tuesday March 7, 2023 at 6:15 pm-7:15 pm PST ([Session L54, Room 306](#)). Please join us for the introduction of the new GMAG-sponsored APS fellows, newly-elected GMAG officers, and honor student travel award and Distinguished Dissertation award winners!

March Meeting 2023 GMAG Program

GMAG is sponsoring or co-sponsoring 68 scientific sessions, including 8 symposia, 37 Focus Topic sessions, 23 contributed sessions, and one unit short course at the APS March Meeting which will be held from March 5 – 10, 2023. GMAG is also sponsoring 7 virtual sessions including 6 virtual focus topic sessions and 1 regular session.

The invited sessions/symposia and the tutorial will be broadcast live for virtual attendees, while invited and contributed presentations in the Focus Topic and contributed sessions will be either in-person or pre-recorded. In-person attendees will have access to the virtual March Meeting 2023 being held online from March 20-22. GMAG is sponsoring 8 virtual scientific sessions including 6 Focus Topic Sessions and 2 contributed sessions.

GMAG-sponsored tutorial (Sunday, March 5, from 9:00 AM – 4:00 PM PST, Room TBD):
National University of Singapore-Early-Carrier Scientists

GMAG-sponsored symposia:

A68: *Artificial Spin Ice - The Next Generation*. Invited speakers: Kempinger, Gartside, Hohuis, Bingham, Puttock

D68: *Emergent phenomena in oxide interface due to broken symmetry and interface interactions*. Invited speakers: Fuchs, Shen, Gao, Liu, Zhang

G68: *Ultrafast Magnetization Dynamics*. Invited speakers: Kukreja, Bokor, Bossini, Novak, Iacocca

N68: *Creation, Control and Manipulation of Chiral Spin Textures*. Invited speakers: Tomasello, Marrows, Hwang, Chen, Psaroudaki

S68: *Definitive Signatures of Quantum Spin Liquids and Predictions for Experiments*. Invited speakers: Trivedi, Perkins, Valenti, Knolle

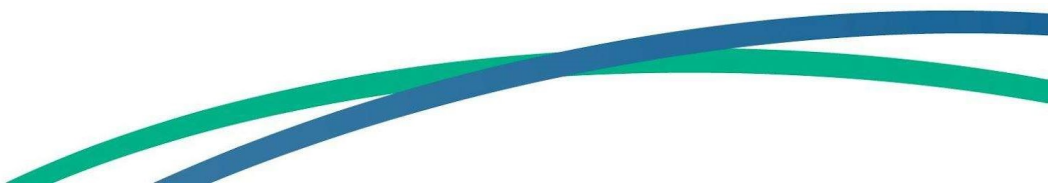
T68: *Magnetic Manipulation and Excitations in 2D Magnets*. Invited speakers: Gong, Chen, Ralph, Ke, Kawakami

Y68: *Multipolar Quantum Spin Liquids in Pyrochlore Lattice*. Invited speakers: Gaulin, Changlani, Sibille, Kim, Benton

Z68: *Molecular Spins for Next Generation Quantum Technologies*. Invited speakers: Sessoli, Tuna, Hoffman, Hill, Liu

Thanks to GMAG Focus Topic Organizers for the 2023 March Meeting

We thank all the focus topic organizers who contributed to the success of the March Meeting Program.



Focus Topics led by GMAG:

10.1.1 *Magnetic Nanostructures: Materials and Phenomena* (GMAG/DMP)

Benjamin Jungfleisch*, Univ of Delaware
Ingrid Hallsteinsen, Norwegian University of Science and Technology
Tim Charlton, Oak Ridge National Laboratory
Shireen Adenwalla, University of Nebraska
Sabrina Disch, University of Cologne

10.1.2 *Emergent Properties of Complex Oxides: Bulk, Thin Films and Heterostructures* (GMAG/DMP/DCOMP)

Feng Ye*, Oak Ridge National Laboratory
Xiaofang Zhai, SHanghaiTech University
Sujoy Roy, Lawrence Berkeley National Laboratory
Yishu Wang, University of Tennessee-Knoxville

10.1.3 *Spin Transport & Magnetization Dynamics in Metal Based Systems* (GMAG/DMP/FIAP)

Benedetta Flebus*, Boston College
Sebastian Goennenwein, University of Konstanz
Akashdeep Kamra, Universidad Autónoma de Madrid
Felix Casanova, CIC nanoGUNE

10.1.4 *Chiral Spin Textures and Dynamics, Including Skyrmions* (GMAG/DMP)

Joe Poon*, University of Virginia
WanJun Jiang, Tsinghua University
Giovanni Finocchio, University of Messina
Rebecca Dally, NIST

10.1.5 *Quantum Spin Liquids, Candidate Materials, Models, and Predictions* (GMAG/DMP/DCMP)

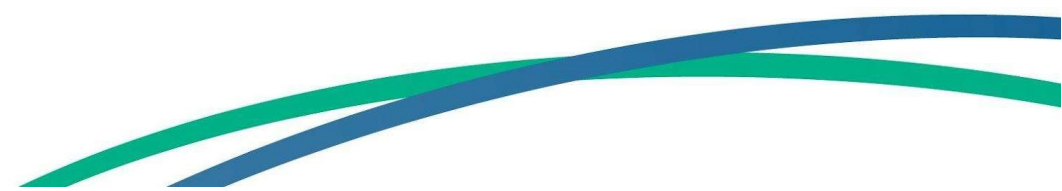
Martin Mourigal*, Georgia Tech
Jie Ma, Shanghai Jiao University
Joel Moore, UC Berkeley
Adrian E. Feiguin, Northeastern University

10.1.6 *Spin-Dependent Phenomena in Semiconductors, Including 2D Materials and Topological Systems* (GMAG/DMP/FIAP/DCOMP)

Sergio Valenzuela, Catalan Institute of Nanoscience and Nanotechnology (ICN2)
Igor Zutic, University of Buffalo
Yunqiu (Kelly) Luo, University of Southern California
Qiang Zhang, Oak Ridge National Laboratory

10.1.7 *Frustrated Magnetism* (GMAG/DMP)

Christianne Beekman*, Florida State University



Jeff Rau, University of Windsor
Keith Taddei, Oak Ridge National Laboratory
Natalia Drichko, Johns Hopkins University

10.1.8 *Low-Dimensional and Molecular Magnetism* (GMAG/DMP)

Tao Hong*, Oak Ridge National Laboratory
Junjie Yang, New Jersey Institute of Technology
Larry P. Englehardt, Francis Marion University
Daniel Pajerowski, Oak Ridge National Laboratory
Komalavalli (Komu) Thirunavukkuarasu, Florida A&M University

Focus Topics co-sponsored by GMAG:

07.01.04 *Magnetic Topological Materials* (DMP/GMAG/DCMP)

Roland Kawakami, Ohio State University
Yuriy Mokrousov, Juelich
Charles Reichardt, Los Alamos National Lab

07.01.05 *Quantum Spin Liquids, Candidate Materials, Models and Computation* (GMAG/DCMP)

Joe Poon*, University of Virginia
Wanjuan Jiang, Tsinghua University
Giovanni Finocchio, University of Messina
Rebecca Dally, NIST-NCNR

These teams performed a tremendous service to GMAG, particularly the twelve Focus Topic Leads (indicated by * in the above list). Our thanks also go out to Terrance Morrison and Donna Greene at APS that worked long hours to ensure that the program came together successfully.

Nominations for APS Prizes and Awards

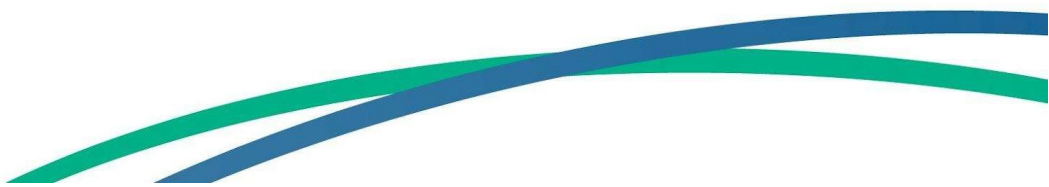
Please refer to <https://www.aps.org/programs/honors/listings.cfm> for descriptions and nomination deadlines for APS prizes. Several prizes of potential interest to the GMAG membership and their corresponding deadlines are:

APS Fellowship (GMAG Deadline is June 1, 2023)

For more details and instructions see <http://www.aps.org/units/gmag/fellowship/index.cfm> and <http://www.aps.org/programs/honors/fellowships/nominations.cfm>. If the nominee is a member of the GMAG Executive Committee, please make the nomination to another Unit of the APS or defer the nomination until his or her term has finished.

APS Medal for Exceptional Achievement in Research (May 1, 2023)

Established to recognize contributions of the highest level that advance our knowledge and understanding of the physical universe in all its facets. It is intended to celebrate scientific inquiry and the pursuit of knowledge.



David Adler Lectureship Award in the Field of Materials Physics ([June 1, 2023](#))

To recognize an outstanding contributor to the field of materials physics, noted for the quality of their research, review articles, and lecturing.

Distinguished Lectureship Award on the Applications of Physics ([June 1, 2023](#))

To recognize and honor physicists in industrial and other non-academic careers for their significant contributions to the advancement of physics of a technical, industrial, or entrepreneurial nature.

Esther Hoffman Beller Lectureship

The Beller Lectureship provides funding and support to bring distinguished physicists from abroad to present invited talks at APS meetings.

Marshak Lectureship

The Robert E. Marshak Lectureship provides travel support for physicists of any career level (i.e., from graduate student to senior scientist) from developing nations or Eastern Europe invited to speak at APS meetings.

Frank Isakson Prize for Optical Effects in Solids ([June 1, 2023](#))

To recognize outstanding optical research that leads to breakthroughs in the condensed matter sciences.

M. Hildred Blewett Fellowship ([June 1, 2023](#))

The Blewett Research Fellowship enables women to return to physics research careers after having had to interrupt those careers.

George E. Valley Jr. Prize ([May 1, 2023](#))

To recognize one individual in the early stages of his or her career for an outstanding scientific contribution to physics that is deemed to have significant potential for a dramatic impact on the field.

James C. McGroddy Prize for New Materials ([June 1, 2023](#))

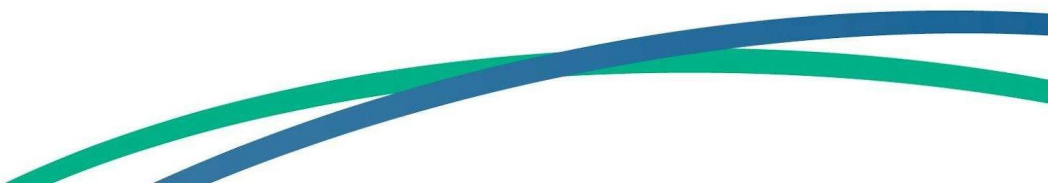
To recognize and encourage outstanding achievement in the science and application of new materials. This shall include the discovery of new classes of materials, the observation of novel phenomena in known materials leading to both fundamentally new applications and scientific insights, and shall also include theoretical and experimental work contributing significantly to the understanding of such phenomena.

Lars Onsager Prize ([June 1, 2023](#))

To recognize outstanding research in theoretical statistical physics, including quantum fluids.

Oliver E. Buckley Condensed Matter Prize ([June 1, 2023](#))

To recognize and encourage outstanding theoretical or experimental contributions to condensed matter physics.



Prize for a Faculty Member for Research in an Undergraduate Institution ([June 1, 2023](#))

To honor a physicist whose research in an undergraduate setting has achieved wide recognition and contributed significantly to physics and who has contributed substantially to the professional development of undergraduate physics students.

LeRoy Apker Award, An Undergraduate Physics Achievement Award ([June 1, 2023](#))

The LeRoy Apker Award recognizes outstanding achievements in physics by undergraduate students and provides encouragement to young physicists who have demonstrated great potential for future scientific accomplishment. Two awards are presented each year, one to a student from a Ph.D. granting institution, and one to a student from a non-Ph.D. granting institution.

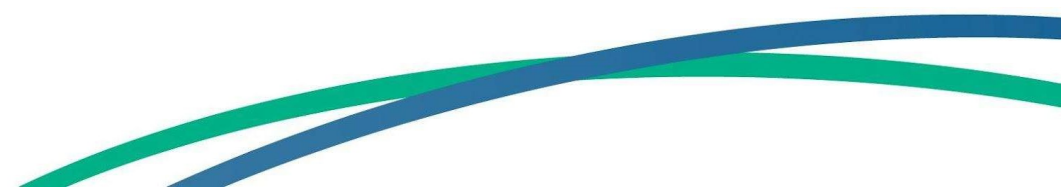
Magnetism Outreach Proposals

GMAG invites proposals directed toward educating non-scientists and the general public about the role of magnetism. Funds up to \$5000 per project (larger proposals may be considered) are available to cover supplies and expenses. *The GMAG Executive Committee will review proposals on an ongoing basis, strong consideration will be given to proposals received by December 31, 2023.* These grants should foster new activities and are not meant to support ongoing programs.

Examples of outreach activities include (but are not limited to) the development of magnetism kits that may be used at elementary schools and/or at museums and other public places, the development of high school labs on magnetism, and the production of videos on magnetism that would appeal to the general public. Preference will be given to innovative activities that are properly documented so that they can be reproduced elsewhere. GMAG will disseminate the outcome of the activities to the GMAG membership through the GMAG Newsletter and to the broader magnetism community through the GMAG website. For these purposes, proposers will be required to provide GMAG with appropriate material when requested. Proposers are also encouraged to consider alternate avenues for dissemination; this could include the presentation of the results at an APS meeting. Although the partnership with a GMAG member is encouraged, all applications for projects related to outreach in magnetism will be considered. The GMAG Executive Committee can assist in identifying potential partners for outreach proposals submitted by non-members

Application Process

To apply for these funds, please submit the following information as one PDF file to the incoming GMAG Chair Clarina R. Dela Cruz (delacruzcr@ornl.gov).

- Cover sheet clearly stating the name, address, phone number, and email of the main contact person for your application. Include the name of your program, and, if affiliated with an institution, the department and institution you represent.
 - One-page CV for main contact person.
 - Narrative description (no more than two pages) of your program. Include a description of the proposed activity or activities, the anticipated impact and the process of documentation to enable reproduction of the activity, details of other financial support (if any), and description of personnel working on the program (instructional lab technicians, students, professors, etc.).
- 

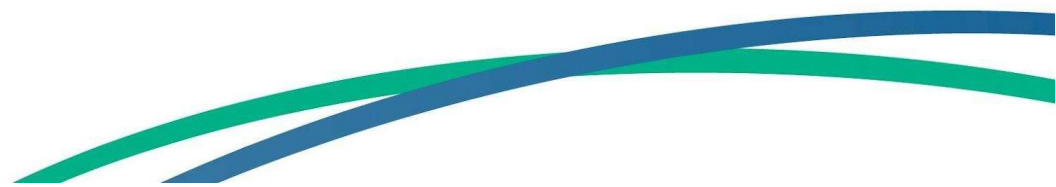
- Rough budget detailing your plans for utilizing the funds.
- Letter of support from your department chair or similar administrative official (this can be sent separately, as long as it clearly identifies the main contact person and institution).

Important Information

If selected, you will be required to complete a tax form and banking information as part of the APS Financial Disbursement procedures. These funds cannot be used for salaries, stipends, etc., of the main participants, but can be used to hire a student, an intern, or professional services if essential for the project. An APS statement on indirect costs is available on the Physics Outreach (<http://www.aps.org/programs/outreach/upload/rfp-indirectcosts15.pdf>) website.

Recently funded proposals:

- *Development of a Robust and Deployable Magnetic Speaker Construction Kit*, Prof. Daniel Shoemaker, Emily Waite, and Dr. Pamela Pena Martin, Department of Physics, University of Illinois, Urbana, IL: The interplay of magnetism and electricity is one of the defining terms in energy conversion, both on the large scale (turbines for power generation, motors for power transmission) and very small scale (data storage, magnetic sensing). Our experience in outreach has led us to conduct many demonstrations and activities that explore this relationship, but typically we find that the demonstrations are non-interactive (complex circuits, stepper motors, etc.) or too delicate (small battery-driven rotating wires). Here we propose the development of a speaker-building activity that is robust enough to serve multiple age groups and focuses on easily-obtained parts so it can be widely deployed by educators around the world. The activity connects concepts of magnetism to a technology that students should be familiar with, playing music through a speaker, and aims to build confidence in STEM.
- *Magnetism Kits for 3rd Grade Classrooms*, Cherie Bornhorst, Teacher in Residence Little Shop of Physics, College of Natural Sciences, Colorado State University, Fort Collins, CO: This grant would allow us to work locally with Poudre School District (PSD) teachers, to distribute a Magnetism Kit that will help them meet specific 3rd grade Next Generation Science Standards (NGSS) involving magnetism. As part of these kits we will create lesson plans and additional resources that can also be shared with a broader audience of elementary teachers looking to replicate these low-cost kits elsewhere. Little Shop of Physics currently has a 3-year rotation schedule in place to visit every PSD elementary school with our traveling science program. During our normally scheduled school visit a team of our undergraduate interns would work alongside 3rd-grade classroom teachers to build, explore, and engage students with the activities in the Magnetism Kit. Finally, the teachers will keep the kit at their schools to use with their students year after year. Based on feedback from teachers, having the equipment they can keep on site is much more convenient, and allows it to be used expeditiously when last-minute changes in schedules occur.



Ask Your Colleagues to Join GMAG!

For only \$10 additional dues, APS members can become GMAG Members with the following benefits (first year free, students join always for free!):

- The opportunity to help shape the voice and future of the magnetism community (your community) in the US.
- Receipt of the GMAG newsletter.
- Eligibility for GMAG graduate student awards and Fellowship sponsorship.
- The potential to increase the number of invited talks on magnetism at the March Meeting.
- The potential to increase the number of APS Fellows sponsored by GMAG.

GMAG is offering two discount opportunities for new members!

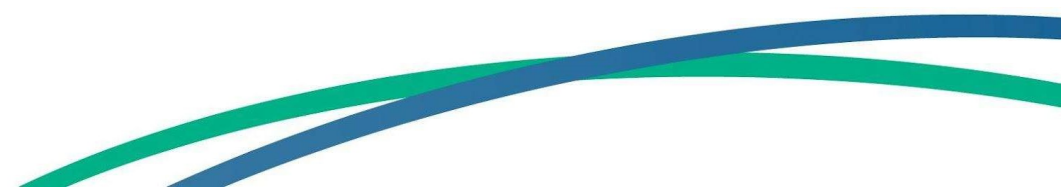
GMAG will waive the \$10 fee for one year for new GMAG enrollees who are currently APS members. To take advantage of this offer, log onto my.aps.org and select 'Join an APS Unit.' At checkout there will be an option to add the coupon code "[GMAG-JOIN-2023](#)" after GMAG is selected. This coupon code is valid for a free year of membership in GMAG until the next APS membership is up for renewal. Note that GMAG membership is always free for current student members of APS (up to two Divisions or Focus Topic groups).

GMAG is offering half off the price of membership to both APS and GMAG for one year for new APS members. To take advantage of this offer, sign up for APS membership at <https://www.aps.org/membership/join.cfm> and enter the coupon code "[GMAG23HALF](#)" at checkout. For the first 100 people who sign up, this coupon is valid for 50% off the price of both the APS and GMAG memberships for one year. Note that GMAG membership is always free for current student members of APS (up to two Divisions or Focus Topic groups).

Important Deadlines

Due Date	GMAG Sponsored Call	Contact
June 1, 2023	GMAG Fellowship Nominations	William Ratcliff william.ratcliff@nist.gov
August 4, 2023	Invited speaker and symposium nominations for 2024 March Meeting	Cristian Batista cbatist2@utk.edu
August 18, 2023	GMAG Dissertation Award Nominations	Clarina Dela Cruz delacruzcr@ornl.gov
November 23, 2023	Student Travel Award nominations for the 2024 APS March Meeting	William Ratcliff william.ratcliff@nist.gov
December 31, 2023	Outreach Proposals (ongoing)	Clarina Dela Cruz delacruzcr@ornl.gov

Thanks for your interest in GMAG and please do not hesitate to get actively involved in any of the many activities described above.



The GMAG Executive Committee

Chair:	Marcelo Jaime, LANL (mjaime@lanl.gov)
Chair-Elect:	Clarina R. Dela Cruz, ORNL (delacruzcr@ornl.gov)
Vice-Chair:	Cristian Batista, Univ. of Tennessee (cbatist2@utk.edu)
Past Chair:	Julie Borchers, NIST (Julie.borchers@nist.gov)
Secretary-Treasurer:	Jaime A Fernandez-Baca, ORNL (fernandezbj@ornl.gov)
Members-at-Large:	Judit Romhányi, University of California, Irvine Stephen Wilson, University of California, Santa Barbara Sarah J Watzman, University of Cincinnati Christianne Beekman, Florida State University Gregory Fuchs, Cornell University Satoru Emori, Virginia Tech
Council Representative:	Peter Schiffer, Yale University, DMP (peter.schiffer@yale.edu)

Other Recent Magnetism-related News

GMAG was the proud sponsor of two networking events at the MMM 2022 in Minneapolis: The “Women in Magnetism Networking Event”, and the “Student Networking Reception”

GMAG is the proud sponsor of a Beller Lectureship, a Marshack Lectureship, and a special travel award supporting attendance to the 2023 APS March meeting. The recipients are Roberta Sessoli @ University of Florence, Italy; Andrej Zorko @ University of Ljubljana, and Christina Psaroudaki, University of Cologne, Germany.

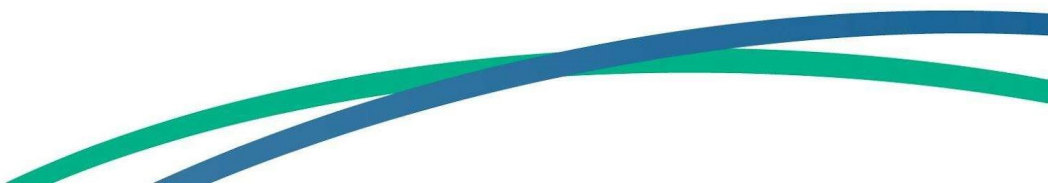
The International Union of Pure and Applied Physics C9 Commission on Magnetism has approved the proposed C9 Associate Members at the July C&CC meeting for 2022-2024: From the minutes of the IUPAP C9 2022 Business meeting at ICMFS-2022: “Marcelo Jaime, Los Alamos National Laboratory, NM, USA, (Chair of the Topical Group on Magnetism (GMAG) of the American Physical Society, APS) for 2022-2023, to be replaced by Clarina Relej Dela Cruz, Oak Ridge National Laboratory, USA, for 2023- 2024 (who would then be Chair of GMAG).”

GMAG was proud to sponsor Best Student Presentation Awards at the 2022 Joint MMM-Intermag Conference based in New Orleans. The winner received a \$1000 award, and the four other finalists received \$250 awards. Congratulations to the winner and finalists! For details see: <https://magnetism.org/best-student-presentation-award>

The winner was:

Sujung Kim, University of California Santa Cruz, USA

Maximizing Strong Magnon-Phonon Coupling in a Single CoFe Nanomagnet



The finalists were:

Yong Hu, University of Buffalo, The State University of New York, Buffalo, USA

Proton Switching Molecular Magnetoelectricity

Daniel Casaleiz, IMDEA Nanciencia, Spain

Sustainable Route for Permanent Magnets Fabrication: Additive Manufacturing Applied to Recycled Ferrite Residues

Stefan Pollok, Technical University of Denmark, Denmark

Magnetic Field Prediction Using Generative Adversarial Networks

Upcoming Conferences

A list of APS and GMAG-related conferences can be found on the GMAG website:

<http://www.aps.org/units/gmag/meetings/index.cfm>

A list of worldwide magnetism-related meetings can be found here (from the European Magnetism Association):

http://magnetism.eu/TPL_CODE/TPL_AGENDALISTE/6-agenda.htm

