

Note from the Chair

Dear GMAG Members,

In this February 2024 Newsletter, our recent APS/GMAG activities and programs are highlighted. Our most anticipated events are coming up at the 2024 APS March Meeting which we will continue in both in-person and virtual modes. We hope to see you in Minneapolis, Minnesota on March 4-8, 2024. This is a special March Meeting as we will be celebrating 125 years of APS! We continue the growth and excitement that magnetism science and GMAG brings to the meeting program. The virtual experience includes select live-streamed sessions each day from the in-person event and virtual-only sessions across all disciplines. Virtual presenters can also be watched online by in-person attendees in Minneapolis. You may get more information about attending the 2024 March Meeting virtually here: <https://march.aps.org/attendees-presenters/virtual-meeting-experience> Our GMAG program chair Cristian Batista and his team have worked very hard to diligently put together an outstanding program, covering many important recent advances in magnetism.

I would like to especially invite you to join our **Annual GMAG Business Meeting on Tuesday, March 5 (Session L09, 6:15 PM–7:15 PM CST, Room 101B)**. During the meeting, we will formally present and applaud our newly elected GMAG sponsored APS Fellows, welcome our newly elected GMAG officers, and present the student dissertation and travel award winners whose names are listed below. Come join your fellow “magnetic” Physicists, enjoy some refreshments while catching up with friends, network with new colleagues and celebrate GMAG’s successful year.

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 3, 2024. As always, GMAG strives to grow its membership, as we are closing in on critical mass necessary to be a new division of APS. 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>).

Clarina dela Cruz, Oak Ridge National Laboratory

GMAG Chair, delacruzcr@ornl.gov

Election of GMAG Executive Committee Members for 2023-2024

The GMAG election ballot closed on December 19, 2023. Congratulations to our newly elected GMAG Executive Committee Members:

Vice Chair:

Barry Zink (University of Denver)

Members-at-Large:

Eleanor Clements (Oak Ridge National Laboratory)

Chunhui (Rita) Du (Georgia Institute of Technology)

We are delighted to have these new Executive Committee members join us in serving the magnetism community. Their terms will start after the 2024 March Meeting. I would like to reiterate our thanks to the nominating committee led by Greg Fuchs (Chair) and nominating committee members, Rebecca Dally (NIST), Stephen Wilson (UC Santa Barbara) and Judith Romhanyi (UC Irvine), for their work in putting together an excellent slate of candidates. We would also like to thank outgoing Executive Committee members for their dedicated service: Past Chair Marcelo Jaime (Los Alamos National Laboratory), and Members-at-Large, Gregory Fuchs (Cornell University) and Satoru Emori (Virginia Tech).

GMAG Sponsored 2023 APS Fellows

In 2023, 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.

GUOHAN HU

IBM Thomas J. Watson Research Center, USA

“For pioneering advancements in the development of materials and devices for spin-transfer torque magnetic random access memory, resulting in breakthroughs that have significantly enhanced the performance, scalability, and reliability of next-generation non-volatile memory technologies.”

PIETRO GAMBARELLA,

ETH Zurich, Switzerland

“For fundamental contributions to the realization and study of magnetic nanostructures, single-atom magnets, current-induced spin-orbit torques, and magnetoresistance in thin film heterostructures and devices.”

RADU COLDEA

University of Oxford, UK

“For significant contributions to the understanding of quantum magnetism and quantum phase transitions using both neutron and resonant x-ray scattering techniques.”

GMAG Sponsored 2024 APS Fellows

Please nominate deserving candidates for APS Fellowship. Send inquiries regarding nominations to Barry Zink (barry.zink@du.edu), our new Vice Chair. The deadline for nominations through GMAG is June 3, 2024. 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 Awardees for March Meeting 2024

In our goal to support and encourage students working in the field of 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 grants the student the privilege of an invited talk in an appropriate session at the APS March Meeting and a \$1500 prize to the student. Congratulations to the winners of the 2023 Outstanding Dissertation in Magnetism award:

RAKSHIT JAIN, Cornell University

Dissertation title: *“Spin physics from topological insulators and spin split antiferromagnets”*

EVAN MICHAEL SMITH, McMaster University

Dissertation Title: *“The Dipole-Octupole Quantum Spin Ice Candidate Pyrochlore $Ce_2Zr_2O_7$ ”*

The deadline for nominations for the 2024 Outstanding Dissertation in Magnetism Awards is August 16, 2024. 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 2024

An important part of sustaining the pipeline of researchers in magnetism, is to increase student participation and involvement in activities essential to GMAG, and the APS as a whole. In line with this, GMAG is sponsoring 15 Student Travel Awards for the March Meeting. The awards consist of \$500 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 2024 are:



Yuhang Ren	University of Southern California
Thow Min Jerald Cham	Cornell University
Volodymyr Shablenko	University of South Carolina
Katherine Schlaak	University of Cincinnati
Sangsoo Kim	Florida State University
Saikat Maji	Institute of Science (IISc) Bangalore
Rustem Ozgur	University of California, Berkeley - Lawrence Berkeley National Laboratory
Nathan Chalus	University of Notre Dame
Jolaikha Sultana	University of Memphis
Farhan Islam	Ames National Laboratory and Iowa State University
Elizaveta Tremsina	Massachusetts Institute of Technology
Atanu Roychowdhury	Indian Association for the Cultivation of Science
Haoyu Liu	University of California, Riverside
Eleanor Scott	University of Cincinnati
Alexander Hickey	University of Waterloo

The deadline for nominations for the 2024 Student Travel Awards is November 28, 2024. For detailed instructions, please refer to the August Newsletter and the GMAG website (<http://www.aps.org/units/gmag/awards/index.cfm>).

2024 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's CVD, in which GMAG's chair Clarina dela Cruz participated, took place on January 23 and 24. APS staff provided participants with guidelines, training, and material for the approx. 30 min long meetings with congresspeople, which took place on January 24. This year's policy priorities were: Investing in our future (advocating for completion of the FY2024 appropriations, prioritize science in 2025, provide robust increases to federal science agencies' appropriations to maintain U.S. competitiveness.), Monitoring Methane Emissions (advocating for the reintroduction of the Methane Emissions Mitigation Research and Development Act), The Technology of the Future: Securing U.S. Quantum Competitiveness (advocating for support for the National Quantum Initiative (NQI) Reauthorization Act (H.R. 6213) to safeguard U.S. national security and competitiveness), International STEM Students: Key to American Innovation (advocate to co-sponsor and pass the bipartisan, bicameral Keep STEM Talent Act, which would make the United States a destination of choice for international STEM students) and Ensuring Our Future STEM Workforce: Competitive Compensation for Grad Students and Postdocs (advocate for support for the RESEARCHER Act (H.R.4002) and the subsequent necessary appropriations for federal science agencies). 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 Chair Clarina dela Cruz joined a delegation of APS unit officers from Tennessee and Rhode Island including APS Vice President Brad Marsten and Brown Physics Department Chair Vesna Mitrovic for Rhode Island and Vanderbilt Physics Department Chair Julia Velkovska for Tennessee. The TN/RI team to visited the offices of Senators Bill

Hagerty (TN), and Senators Sheldon Whitehouse and Jack Reed (RI), as well as the offices of Representatives Marsha Blackburn and Tim Burchett (TN) and Gabe Amo (RI). 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.



From the left Julia Velkovska (Vanderbilt University), John Stout (Rep. Burchett's Senior Policy Advisor) Clarina dela Cruz (ORNL), Vesna Mitrovic (Brown University) and Brad Marsten (Brown and APS Vice President) during the 2024 American Physical Society Congressional Visits Day.

GMAG Business Meeting at March Meeting 2024

The GMAG annual Business Meeting will be held on Tuesday, March 5 (Session L09, 6:15 PM–7:15 PM CST, Room 101B). 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 2024

GMAG is sponsoring or co-sponsoring 62 total sessions with 16 Contributed Sessions, 36 Focus topic Sessions, 8 Invited Symposia sessions and 2 co-sponsored Sessions at the APS March Meeting which will be held from March 4 – 8, 2024. GMAG is also sponsoring 3 virtual focus topic sessions. The invited sessions/symposia 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 2024 content.

GMAG sponsored Symposia

A24: 2D Magnets- vdW and Beyond. Invited speakers: Shao, Samarth, Bian, Htoon, Wu

F24: Novel Cross Coupling Effects and Manipulation Methods of Chiral Antiferromagnets. Invited speakers: Tchernyshyov, Zelezny, Song, Higo, Chieng.

G24: Dynamics of New and Old Triangular Antiferromagnets. Invited Speakers: Läuchli, Moore, Scheie, Zheludev, Zhang

N44: Nanomagnets for Quantum Information. Invited Speakers: Klinovaja, Nakamura, Zhang, Duine, You

S24: Recent Advances in Spin Textures and Dynamics in Topological Magnets. Invited speakers: Zhang, Janoschek, Seki, Garst, Paddison

T24: Advanced Probes for Low-Dimensional Spin and Magnetic Orders. Invited speakers: Bae, Luo, Bediako, Jain, Finco

Y24: The Emerging Landscape of Altermagnetism. Invited Speakers: Šmejkal, Reichlova, Bose, Ghimire, Kunes

Z24: Recent Advances in Orbitronics. Invited Speakers: Choi, Go, Jaffres, Gambardella, Rappoport

GMAG Co-sponsored Symposia

T42: Quantum Spin Liquids: Candidate Materials, Predictions and Recent Experiments (DCMP,GMAG). Invited Speakers: Kanoda, Lee, Li, Haravifard, Sandvik

Thanks to GMAG Focus Topic Organizers for the 2024 March Meeting

We thank all the focus topic organizers who contributed to the success of the 2024 March Meeting Program.

Focus Topics led by GMAG

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

Organizers:

- 1) Shireen Adenwalla (sadenwalla@unl.edu) (U Nebraska Lincon) (Lead Organizer)
- 2) Tim Charlton charltontr@ornl.gov (Oak Ridge National Lab)
- 3) Alex Baker baker97@llnl.gov (Lawrence Livermore National Lab)
- 4) Luis Aviles-Felix luis.aviles@ib.edu.ar (CNEA – CONICET, Argentina)

10.1.2 Emergent Properties of Complex Oxides: Bulk, thin films and heterostructures (GMAG/DMP/DCOMP)

Organizers:

- 1) Feng Ye yef1@ornl.gov, Oak Ridge National Laboratory (Lead Organizer)
- 2) Purnima Balakrishnan, purnima.balakrishnan@nist.gov (NIST)
- 3) Divine Kumah dpkumah@ncsu.edu (North Carolina State University)
- 4) Kirrily Rule kirrily@ansto.gov.au (ANSTO)

10.1.3 Spin Transport & Magnetization Dynamics (GMAG/DMP/FIAP)

Organizers:

- 1) Felix Casanova, f.casanova@nanogune.eu (CIC nanoGUNE) (Lead organizer)
- 2) Joseph Sklenar jnsklenar@wayne.edu (Wayne State)



- 3) Vivek Amin vpamin@iupui.edu (IUPUI)
- 4) Marcus Guimaraes m.h.guimaraes@rug.nl (Gronigen University)
- 5) Johanna Palmstrom jpalmstrom@lanl.gov (LANL)

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

Organizers:

- 1) Joshua J Turner joshuat@slac.stanford.edu (SLAC) (Lead organizer)
- 2) Alpha N'Diaye atndiaye@lbl.gov (LBNL)
- 3) Sujoy Roy sroy@lbl.gov (LBNL)
- 4) Chunjing Jia, chunjing@phys.ufl.edu (University of Florida)

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

Organizers:

- 1) Martin Mourigal mourigal@gatech.edu (Georgia Tech) (Lead organizer)
- 2) Joe Paddison paddisonja@ornl.gov (ORNL)
- 3) Natalia Drichko drichko@jhu.edu (Johns Hopkins University)
- 4) Goddard, Paul P.Goddard@warwick.ac.uk (University of Warwick)

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

Organizers:

- 1) Kelly Luo yunqiuke@usc.edu (University of Southern California) (Lead organizer)
- 2) Carlos Rojas-Sanchez juan-carlos.rojas-sanchez@univ-lorraine.fr (Universite de Lorraine)
- 3) Dali Sun dsun4@ncsu.edu (North Carolina State University)
- 4) Igor Zutic zigor@buffalo.edu (University of Buffalo)

10.1.7 Frustrated Magnetism (GMAG/DMP)

Organizers:

- 1) Jeffrey Rau jrau@uwindsor.ca (University of Windsor) (Lead organizer)
- 2) Ludovic Jaubert, ludovic.jaubert@cnrs.fr (Université de Bordeaux)
- 3) Andriy Nevidomskyy nevidomskyy@rice.edu (Rice University)
- 4) Judit Romhányi jromhany@uci.edu (UC Irvine)

10.1.8 Low Dimensional and Molecular Magnetism (GMAG/DMP)

Organizers:

- 1) Thirunavukkuarasu, Komalavalli komalavalli.thirunav@fam.u.edu (Florida A&M University) (Lead organizer)
- 2) Michael Shatruk shatruk@chem.fsu.edu (Florida State University)
- 3) Shalinee Chikara schikara@magnet.fsu.edu (Florida State University)
- 4) Mark Pederson mrpederson@utep.edu (University of Texas-El Paso)
- 5) Frank Nippe nippe@chem.tamu.edu (Texas A&M University)

GMAG Co-sponsored Focus Topics:

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

10.01.10 2D Materials: Advanced Characterization (**DMP, GMAG, DCMP**)

10.01.11 Biomagnetic Imaging and Sensing, Including MRI (**GMED, GMAG**)

10.06.00 Correlated Electron Magnetism (**DCMP, GMAG**)

These teams performed a tremendous service to GMAG, particularly the Focus Topic Leads. Our thanks also go out to Terrance Morrison 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 3, 2024)

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, 2024)

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 3, 2024)

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 3, 2024)

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.

M. Hildred Blewett Fellowship (June 3, 2024)

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, 2024)

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 3, 2024)

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 3, 2024)

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

Oliver E. Buckley Condensed Matter Prize (June 3, 2024)

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 3, 2024)

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 3, 2024)

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, 2024. 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 Cristian Batista (cbatist2@utk.edu)

- 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.

Reminder of Important Deadlines

Date	Event	Contact
August 16, 2024	GMAG Dissertation Award Nominations	Cristian Batista cbatist2@utk.edu
September 30, 2024	GMAG Officer and Executive Committee nominations	Stephen Wilson stephendwilson@ucsb.edu
October 28, 2024	March Meeting 2025 Abstract Submission Deadline	
November 28, 2024	Student Travel Award applications	Barry Zink barry.zink@du.edu
December 31, 2024	Outreach proposals	Cristian Batista cbatist2@utk.edu

The GMAG Executive Committee



Position	Name	email
Chair	Clarina Dela Cruz	delacruzcr@ornl.gov
Chair-Elect	Cristian Batista	cbatist2@utk.edu
Vice Chair	William Ratcliff	william.ratcliff@nist.gov
Past Chair	Marcelo Jaime	mjaime@lanl.gov
Secretary/Treasurer	Sujoy Roy	beekman@magnet.fsu.edu
Members at Large:	Satoru Emori	semori@vt.edu
	Gregory Fuchs	gdf9@cornell.edu
	Judit Romhanyi	jromhany@uci.edu
	Stephen Wilson	stephendwilson@ucsb.edu
	Luqiao Liu	luqiao@mit.edu
	Saima A Siddiqui	saima.siddiqui@intel.com
APS Council Representative	Peter Schiffer	peter.schiffer@yale.edu

Other Recent Magnetism-related News

Clarina dela Cruz will rotate into the International Union of Pure and Applied Physics (IUPAP) C9 Commission on Magnetism as Associate Member this year being the current Chair of the Topical Group on Magnetism (GMAG) of the American Physical Society (APS). She takes the role from Marcelo Jaime who served on the commission over the past year, including critical help with setting up the rotation system for the C9 Associate Members.

Upcoming Conferences and Schools

- A list of worldwide magnetism-related meetings can be found here:
http://magnetism.eu/TPL_CODE/TPL_AGENDALISTE/6-agenda.htm
<https://ieemagnetics.org/conferences/conferences-overview/calendar>
- ICSM2024 : th International Conference on Superconductivity and Magnetism
27 Apr 2024 – 4 May 2024
Fethiye, Turkey
<https://ieemagnetics.org/event/conference/9th-international-conference-superconductivity-and-magnetism>



- 2024 International Conference on Neutron Physics and Neutron Scattering ICNPNS
Montreal, Canada
August 5-6, 2024
<https://waset.org/neutron-physics-and-neutron-scattering-conference-in-august-2024-in-montreal>
- TMRC 2024 — 35th Magnetic Recording Conference: Solid State Magnetic Memory and Recording Technologies for >3 Tbits/in²
August 5-7, 2024
University of California, Berkeley
<https://www.magnetics.jp/wp-content/uploads/TMRC-2024-Call-for-Nominations-V1.pdf>
- TMAG 2024 — Trends in Magnetism 2023
June 10-14 2024
Lund University
<https://www.petaspin.com/tmag2023/>
- ESM2024 — The European School on Magnetism 2024: Magnetism for energy-efficient devices
27 August - 6 Sep 2024
Madrid, Spain and ONLINE
<https://magnetism.eu/252-2024-school.htm#:~:text=ESM%202024%20will%20be%20held,to%20a%20Library%20on%20Magnetism.>