

Minutes of GMAG Business Meeting, March Meeting 2012

Location: Room 208 of the Boston Convention Center. Tuesday, February 28th, 5:45 pm.

Attending: **Past Chair:** Berry Jonker, **Chair** Andrew Kent, **Chair-Elect:** Paul Crowell, **Vice Chair:** Mark Stiles, **Vice-Chair Elect:** Yves Idzerda, **Secretary/Treasurer:** Shireen Adenwalla, **Members-at-large:** Kristen Buchanan, Peter Fischer, Chris Hammel, Ollie Heinonen, Yumi Ijiri, Evgeny Tsymbal, Shufeng Zhang

1. Recognition of New Fellows: The new GMAG fellows are

Brataas, Arne, Norwegian University of Science & Technology

Hoffmann, Axel, Argonne National Laboratory

Katine, Jordan, Hitachi Research Center, San Jose

Reich, Daniel, Johns Hopkins University

Shen, Jian, Fudan University

Xiao, John, University of Delaware

Pins and certificates were awarded to the new Fellows. Jordan Katine and John Xiao were unable to attend.

2. Presentation of Student Awards: Andy Kent announced the GMAG Student Dissertation Award winners, Wei Han and Srikant Srinivasan.

Mike Stiles announced the 4 GMAG Student Travel award winners, **Jodi Iwata-Harms** (University of California, Berkeley), **Shawn Pollard** (SUNY Stony Brook), **Azure Avery** (University of Denver) and **Jennifer Misuraca** (Florida State University). All four served 1 shift at the Contact Congress booth.

For 2013, it was decided that GMAG would authorize up to 10 Student travel awards depending on the quantity and quality of applicants and that they would be invited to lunch with the GMAG committee.

There was some discussion regarding the GMAG dissertation award. Paul Crowell explained the process and stated that more nominees are needed. Igor asked about the criteria for the award. Paul answered the criteria are in the announcement and Andy indicated that they are in the summer newsletter. The awardee must be finishing her/his thesis within the year. The nominator needs to be a GMAG member, but the student does not have to be. GMAG membership is free for students who are APS members, but at present we have no way of knowing how many GMAG members are students.

3. Election Results. Andy Kent announced the election results. Yves Idzerda was elected to Vice Chair, and Chris Hammel and Yumi Ijiri to the Executive Committee Members-at-Large.

The new members were welcomed and Andy Kent thanked Peter Fischer for chairing the nominating committee. The outgoing Members-at-Large, Evgeny Tsymbal and Peter Fischer and the outgoing Past Chair, Barry Jonker, were thanked for their work.

4. The minutes from the previous meeting (March 2011) were approved.

5. Secretary/Treasurer's Report. Shireen Adenwalla described the GMAG finances and membership. Membership has remained essentially flat (944 this year compared to 940 last year). Funds of \$54,713.59 were available at the end of 2011, compared to \$47,610.47 in 2010, \$41,253.26 in 2009 and \$37,998.18 in 2008. There was a net increase in our funds of \$7,103.12. Our revenue is \$20,250.71 (investment income, March Mtg. income, and membership) and our outlay was \$13,147.59 (meeting meals/facilities, postage, travel, and others such as student awards or ITGAP support). The financial report was approved unanimously.

6. GMAG Program Chair's Report: Paul Crowell said that the March meeting went very well and he thanked the focus topic organizers of the GMAG sponsored symposia. Mark Stiles will be the next year's program chair. All numbers are healthy. Paul stated that we depend critically on input from the community for solicitations for invited speakers. Magnetism-related papers accounted for 10% of the March Meeting total, ~850 papers, above the ~800 of the previous year and was the second largest sorting category, up from 3rd largest last year. These abstracts represented a total of 74 sessions (63 in 2011), including 63 sessions in the 8 Focus Topics with 55 invited talks, a healthy ratio, and 3 additional contributed sessions. GMAG had 14 nominations for invited symposia (12, 15, 6 and 7 nominations for 2011, 2010, 2009, and 2008 respectively), and were allotted 5. There were a total of 7 invited symposia, 4 of which were cosponsored, with a total of 35 invited talks in the 7 symposia.

810 contributed abstracts were submitted in the Sorting Category 10 (Magnetism), out of which 619 were submitted to the Focus Topics and 191 to the general Subcategories. In addition, 30 abstracts were submitted to 11.7 (Correlated Electron Magnetism)

Most focus topics are healthy – 10.1.7 Spin Dependent Physics in Carbon-based Materials (GMAG/DMP) is small, but appears stable. The two largest Focus Topics are 10.1.5 – Spins in semiconductors, which is shrinking (now at 10 sessions) and could be combined with spins in carbon based materials if the trend continues and 10.1.6 – Frustrated magnetism (12 sessions!), which was the largest sorting category this year. There were fewer invited talks in this topic (5 invited talks in 12 sessions), because this year (unlike last year) it is separated from low-dimensional magnetism, and each of the new topics started with an allocation of 5 talks. This split led to a total of nineteen sessions!

There will not be a solicitation for new focus topics this year.

Andy Kent thanked the sorting team, made of 13 members (11 FT organizers plus 3 volunteers + 2 GMAG officers).

Regarding other activities related to the March Meeting, Roberta Sessoli was nominated for the Beller lectureship, and selected. Also, four Student Lunches with the Expert were held. Four Student Lunches with the Experts were held, with Peter Fischer, Kristen Buchanan, Olle Heinonen and Giovanni Vignale. Paul Crowell thanked them for their participation.

There is a new MOU (Memorandum of understanding) between GMAG and DMP. Andy thanked Paul for all the work he put into organizing the sessions.

7. Fellowship report by Mark Stiles. GMAG submitted 6 nominations for APS fellowships and all 6 were approved. The next deadline for GMAG sponsored fellows is June 1st 2012.

8. Student travel awards Mark Stiles said that upto 10 Student Travel Awards will be available for the 2013 March Meeting. The students receive \$250 towards their travel to the March meeting, have lunch with a GMAG Executive Committee member and spend one shift at the contact Congress booth. The next set of applications are due on Dec 1st 2012, emailed to Yves Idzerda. Stiles thanked Paul for making the process so easy for him.

9. Amendments to Bylaws. Andy Kent explains that the Ex. Com. has proposed three possible amendments to the GMAG bylaws:

#1: Regarding the Election process: it was suggested to change the wording to reflect current procedures, from “by mail ballot” to “by electronic or mail ballot”.

#2: Also regarding the election along with the bylaw amendment process: it was suggested to reword bylaws to allow combining votes regarding bylaw modification or other issues with the GMAG annual election.

#3 Regarding the GMAG Newsletter: it was suggested to change the wording in order to reflect current practice - the Chair will be responsible for the write up (instead of the Secretary/Treasurer).

An election regarding the adoption of these amendments to the bylaws, together a Unit Policy statement required by APS, will be held within 12 weeks.

10. Education Outreach program: Kent explained ideas for the Outreach/Education awards and encouraged members to submit proposals, for up to \$2500 per project. No submissions were received between 2010-2012. There was extensive discussion about reaching the people who could benefit from this award and about the dollar amount. Paul Crowell suggested that high school teachers, especially those in RET (Research Experience for Teachers) programs would benefit and find this amount useful. Barry Jonker suggested broadening the email requests for outreach proposals to include the AAPT. David Lederman suggested this is a good opportunity for Junior Faculty for outreach and broader impact. Many universities have ongoing outreach programs and, for these programs, this amount might be important. Additional suggestions included making more information available on the GMAG website, making the award more open to web searches, to highlight ALL awards and to use Facebook or another social network for outreach. There was a motion to increase the outreach award amount to \$5000 and it passed unanimously

11. Miscellaneous: Sadamichi Maekawa said that the International Conference on Magnetism(ICM) will be held in July 2012 in Korea. The conference is held every three years and will be held in Barcelona in 2015. The location of the 2018 conference will be decided in 2012. Because the ICM has not been held in North America since 1985, there is some preference to having it here in 2018. The ICM committee is in the process of discussion with IEEE members. The conference must be held in the summer, is very expensive and they are hoping that GMAG will contribute to the organization.

Daniel Reich commented that this issue has been brought forward to IEEE and PCI. There is currently a working group that has been authorized by the Advisory Council of MMM to put together a bid for ICM 2018, backed by the machinery that runs the Joint MMM /Intermag conference. The working group includes Julie Borchers, Ron Goldfarb, and Dan Reich among others. They would welcome input from GMAG. Goldfarb says financial resources at this time are the main concern, but when this is taken care of, GMAG's help with the program would be very welcome. Peter Fischer suggests ICMS satellite conferences. The need for underwriters is the choke point.

12. The gavel was turned over to the new Chair, Paul Crowell. Crowell moved to thank Kent for an outstanding job as Chair. The meeting adjourned at 6:50 pm.