Two More Mathematics Organizations Join JMM 2023 Partners

The American Institute of Mathematics (AIM) and Pro Mathematica Arte (PMA) will join 13 other organizations as partners for the Joint Mathematics Meetings (JMM) in 2023 and beyond.

The JMM is the largest annual mathematics gathering in the world. Scheduled to take place in Boston January 4–7, 2023, JMM 2023 is designed to bring together the mathematical community through presentations, panels, exhibits, and professional development sessions on mathematics research, pedagogy, inclusion, and more. Here’s a look at what AIM and PMA are planning for JMM 2023.

American Institute of Mathematics

AIM’s mission is to advance mathematical knowledge through collaboration, to broaden participation in the mathematical endeavor, and to increase the awareness of the contributions of the mathematical sciences to society. An NSF-supported research institute established in 1994, AIM holds focused workshops and programs for small research groups (SQuaREs).

AIM’s partnership with the JMM will primarily highlight three initiatives: the Alexanderson Award and Lecture, which recognize outstanding research articles arising from AIM activities; the Math Circle Network, a network of local math communities dedicated to student engagement and teacher professional learning; and the Open Textbook Initiative, which showcases excellent open textbooks and provides resources for authors, instructors, and researchers.

“AIM has always had a big presence at JMM, and we’re excited to build on that by becoming an official JMM partner,” said Brian Conrey, the founding executive director of AIM. “We’re particularly looking forward to bringing the Alexanderson Award and Lecture to the JMM, allowing the broader mathematics community to celebrate the excellent research that comes out of AIM workshops and SQuaREs. We hope everyone will stop by the AIM booth to learn about all of our other activities, and please join us at the Math Circles Reception!”

Read more about AIM at https://aimath.org/.

Pro Mathematica Arte

PMA is a nonprofit corporation that runs the Budapest Semesters in Mathematics (BSM) and the Budapest Semesters in Mathematics Education (BSME). Through BSM, American and Canadian mathematics and computer science undergraduates in their junior or senior years study mathematics in Budapest, Hungary, under the tutelage of eminent Hungarian scholar-teachers. BSME is a program for undergraduates, recent graduates, and in-service teachers interested in the learning and teaching of secondary mathematics. The two study abroad programs immerse participants in the mathematical and general culture of Hungary.

At JMM, PMA will have a booth in the exhibit hall to connect with prospective BSM and BSME students. The organization will also host a social event for alums, current and former faculty, friends of the programs, and future students.

“We are thrilled to join the diverse group of JMM partners,” said Tara Holm, the president and CEO of PMA and a professor at Cornell University. “The AMS and PMA share a mission to foster mathematics and develop the next generation of mathematicians. It is an honor to support the opportunities provided at JMM that connect and bolster our community.”

Read more about PMA at https://www.budapestsemesters.com/.

—AMS Communications Department
New Dues Rates for AMS Membership

AMS governance has redesigned individual membership categories and dues rates to help make membership more accessible to a wider audience. These changes took effect on August 1, 2022, for 2023 memberships and beyond. If you’ve already purchased multi-year memberships, these changes won’t affect you until it’s time to renew in the future.

For students, we have set a lower rate that will not see inflationary increases. We have added a new category for non-mathematicians (Friends of Math) and a third regular rate (Regular-Medium). We have also redesigned some categories, including Introductory and Regular-Low. Find further details at https://www.ams.org/news?news_id=7043.

—AMS Membership Department

2022 AMS Menger Award Recipients Announced

The AMS presented the Karl Menger Awards at the 2022 Regeneron International Science and Engineering Fair (Regeneron ISEF) on May 12. The winners were ninth through twelfth graders who earned the right to compete at the Regeneron ISEF by winning a top prize at a local, regional, state, or national science fair. The first-place award of $2,000 was given to Sarth Chavan of Aditya English Medium School in Pune, India, for On Ramanujan’s Identity for Odd Zeta Values and Its Generalization.

The Menger Award Committee also presented the following awards:

• Second award of $1,000: Daniel Salkinder, Half Hollow Hills High School East, Dix Hills, New York, Nxnxn Rubik’s Cube and God’s Number; Sophie Zhu, Williamsville East High School, East Amherst, New York, Factorizations in Evaluation Monoids of Laurent Semirings.

• Third award of $500: Edward Garth, Redeemer Baptist School, North Park, Australia, Validating a Predictive Mathematical Modeling Paradigm for Traveling from Point A to Point B; Morgan Holien, Monarch High School, Louisville, Colorado, Attempting to Define Tetration of Non-Integer Heights; Donald Liveoak, Allen Park High School, Allen Park, Michigan, Schrodinger Bridges on Discrete Domains; Shirley Xu, The Bishop’s School, La Jolla, California, A Heuristic Solution to the Closest String Problem Using Wave Function Collapse Techniques.

• Certificates of Honorable Mention: Dongin Kim, Sihyeong Yang, and Seokyoung Yoon, Korea Science Academy of KAIST, Busan, South Korea, Study on the Solution Set of Knot Colorings; Jiahui Li, Emma Willard School, Troy, New York, From the Manhattan Project to Statistics of Zeros in L-Functions; Akilan Sankaran, Albuquerque Academy, Albuquerque, New Mexico, Modifying the ABCs of Number Theory.

Each winner also received a booklet on Karl Menger and a one-year membership to the AMS.

—AMS Programs Department

Deaths of AMS Members

Jarrell D. Collier, of Trophy Club, Texas, died on January 29, 2022. Born on September 5, 1945, he was a member of the Society for 46 years.

Rodney D. Driver, of Warwick, Rhode Island, died on January 16, 2022. Born on July 1, 1932, he was a member of the Society for 65 years.

Credits

Figure 1 is courtesy of the Society for Science.