



**Julia Robinson
Mathematics
Festival®**

Free!



**Sat Jan 7
Hynes Convention
Center, Boston**



WHO: Math lovers of all ages

WHAT: Free! Julia Robinson Math Festival at the 2023 Joint Mathematics Meetings (JMM)

WHEN: Saturday, January 7, 2023, 9 a.m. to noon

WHERE: Hall C of Hynes Convention Center, 900 Boylston St, Boston

MORE: On Saturday, January 7, [all JMM events](#) will be free and open to the public.

Overview

Young math lovers and families! Immerse yourselves in the beauty of numbers at the free Julia Robinson Math Festival, 9 a.m.-noon, on Saturday, January 7, 2023 at the Hynes Convention Center in Boston.

The Festival will take place on the final day of the largest annual mathematics gathering in the world, the 2023 Joint Mathematics Meetings (JMM).

A Julia Robinson Math Festival (JRMF) features a variety of fun math activities, including puzzles, games, and arts and crafts, said Daniel Kline, JRMF executive director. The Festival is named for Julia Robinson, a renowned American mathematician of the early-mid 20th century.

“A trained volunteer from the math community leads every activity table, allowing students to have the agency to choose how long they spend at each activity and take ownership of their mathematical journey,” Kline said.

“The ultimate goal of a math festival is to have students leave being able to say ‘I enjoy math’ and ‘I feel confident in math,’” he said.

Activities

Activities at the festival will be designed for students from kindergarten through high school. Students at all skill levels will find meaningful and appropriate challenges to build problem-solving skills, such as:

- [Apple Picking](#): Face off against a friend or work together to find a strategy for picking the last apple in this two-player game.
- [Cup Stacking](#): Find all the possible positions for a colorful row of cups if they jump and stack according to a curious rule.
- [Domino Dissection](#): Cover a puzzle grid with dominoes so that the pips on each domino match the pips on the squares the domino covers.
- [Jumping Julia](#): Jump your way through a set of mazes that will challenge your sense of distance.
- [Konigsberg](#): Try your hand at crossing every bridge exactly once -- or explain why it's impossible!
- [Ladybugs](#): Help numbered ladybugs squeeze onto leaves so that, on each leaf, no two ladybugs sum to a third.
- [Map Coloring](#): Find the fewest number of colors needed to color a map so that no neighboring regions share a color.
- [Skyscrapers](#): Design a city skyline with the correct number of buildings visible from each vantage point.
- [Tile with Style](#): Complete different tiling challenges, leaving a region covered with no gaps or overlaps.

How to Attend

The event is free but organizers request you [pre-register for the Festival](#). There also will be a registration table at the event.

The Festival will take place in Exhibit Hall C in the Hynes Convention Center. Enter through the Prudential Center, take the escalator to the second floor, and follow signs to the Festival. Attendees will be required to follow [all COVID protocols for the JMM](#).

Also Free on Saturday

On Saturday, January 7, [all JMM events](#) will be free and open to the public.

- The JMM's [annual Mathematical Art Exhibition](#) will feature works in various media by artists inspired by mathematics and by mathematicians who use visual art to express their love of mathematics. The exhibit will take place in Exhibit Hall D on the second floor of the Hynes Convention Center.

The following three lectures on Saturday may also be of interest to the general public. Each will take place in Ballroom A&B, third floor of the Hynes Convention Center:

- *Outward-facing mathematics*, 10:05 a.m.–10:55 a.m., by best-selling author [Jordan Ellenberg](#);
- *The Power of Talk: Engaging the Public in Mathematics*, 1 p.m.–1:50 p.m., by award-winning PBS co-host [Talithia Williams](#);
- *The Quadratic Formula Revisited*, from 3 p.m.–3:50 p.m., by [Bernd Sturmfels](#), University of California. This is the annual Porter Public Lecture.

For festival questions, [contact JRMF](#), or visit the [Julia Robinson Math Festival website](#). Questions about the JMM? Visit [2023 Joint Mathematics Meetings](#), or [contact JMM staff](#).