

F. L. Griffin MathFest

Saturday, April 6, 2024

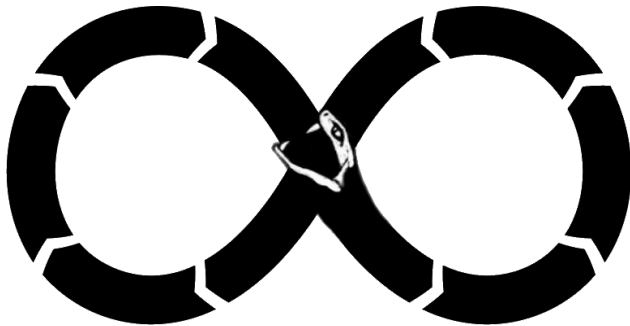
9:30 a.m. – 3:30 p.m.

Infinity: Checking in at Hilbert's Infinite Hotel

"I am incapable of conceiving infinity, and yet I do not accept finity."

- Simone de Beauvoir

It goes without saying that infinity is a perplexing concept. Just to illustrate this, suppose that at Hilbert's Infinite Hotel there is one room for every one of the counting numbers 1, 2, 3, On a busy holiday weekend, every room at the hotel might be occupied. Even so, because there are infinitely many rooms a new arrival can be accommodated simply by moving each guest to the next highest numbered room! In this year's MathFest, we'll tackle paradoxes like Hilbert's Hotel, as well as other mathematical facts about infinity like how infinitely many positive numbers can be added up to get a number (like 1).



The program will be conducted at Reed College by mathematics professor **David Meyer** and participating faculty, assisted by Reed students.

At midday, chat with Reedic Math majors over lunch, and tour the campus.

There is no cost to participants.

Prerequisites include an enthusiasm for mathematics; some familiarity with functions may be helpful.

"To infinity and beyond!" - Buzz Lightyear

9:30 a.m. – 10:00 a.m.

Registration & Check-in

Vollum Lounge

10:00 a.m. – 12:00 p.m.

Morning presentation/workshop

Vollum Lecture Hall

12:00 – 1:30 p.m.

Lunch and (optional) Campus Tour

Outside on the Quad, or Gray Campus Center conference rooms BCD (depending on the weather)

1:30 p.m. – 3:30 p.m.

Afternoon presentation/workshop

Vollum Lecture Hall

Masks are required, and proof of Covid-19 vaccination or negative test within 72 hours is required for all attendees.

Reed College (3203 SE Woodstock Blvd., Portland, OR 97202) campus map: reed.edu/map/