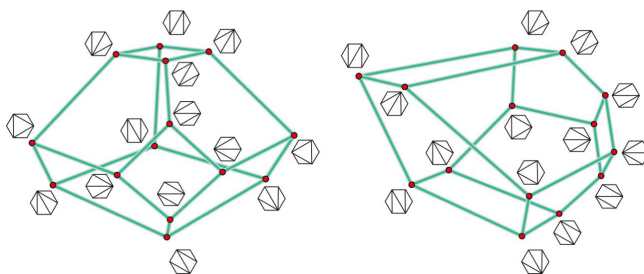


SPECIAL PROGRAMS
REED COLLEGE
3203 SOUTHEAST WOODSTOCK BOULEVARD
PORTLAND, OREGON 97202-8199

F. L. Griffin MathFest
Saturday, April 2, 2022
9:30 a.m. - 4:00 p.m.

***Parentheses, Paths, and Partitions:
Catalan Combinatorics***

What do lattice walks, handshakes across a table, card shuffling patterns, binary trees, triangulations, and parenthesizations have in common? They can all be counted with Catalan numbers! In this short course, participants will delve into the history and contemporary relevance of these combinatorial structures. Expect to learn new counting techniques, engage your problem-solving skills, and be exposed to several elementary problems that the mathematical community hasn't solved—yet!



The program will be conducted at Reed College by mathematics professors **Marcus Robinson** and **Nate Wells**, assisted by Reed students.

Lunch and a campus tour will be provided over the noon hour.

There is no cost to participants.

9:30 a.m. - 10:00 a.m.

Registration

Foyer of Eliot 314

10 a.m. - Noon

Morning presentation/workshop

Eliot 314

Noon - 1:00 p.m.

Lunch

Gray Campus Center conference rooms BCD or outside in the Quad, depending on the weather

1:00 p.m. - 3:00 p.m.

Afternoon presentation/workshop

Eliot 314

3:00 p.m. - 4:00 p.m.

Roundtable discussions with Reedie math majors

Gray Campus Center BCD

Proof of Covid-19 vaccination or negative test within 72 hours is required for all attendees.