

## SCHEDULE WEEK 1

All times are CST

MONDAY Morning, JUNE 21

9:00 am: Peter May: welcome and introduction to the program

9:30 am: Daniil Rudenko: Introduction to the apprentice program  
(in breakout room 1)

9:45 am: Further discussion of the full program

10:00 am: Meetings between mentors and mentees, starting in breakout rooms by field, then breaking into small-group or individual mentor-mentee meetings.

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Talks take place Monday through Friday afternoons (and/or mornings, at the discretion of speakers and hosts)

Talks and group meetings are either open to all participants or aimed at focus groups; for focus group events, those who are interested in joining and are not on the list of people in the relevant group should email the designated host in advance. All talks are 45 minutes to an hour, with at least a half hour break between talks. Open program talks are live on Zoom; with the speaker's permission, talks will be recorded and made available on Zoom.

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MTWThF 1:00: Danny Calegari

Title: Introduction to complex dynamics

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MTWThF 2:30: The probability subprogram, Greg Lawler

MWF 2:30: Greg Lawler

Title: Harmonic functions, Brownian motion, and analysis in the plane

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Monday 4:00: Howard Mazur

Title: The mathematics of playing pool

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Tuesday 11:00: Trevor Hyde

Title: Combinatorial species

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TTh 3:00: Maryanthe Malliaris

Title: Ultrafilters in mathematical logic

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TTh 4:30; WF 4:00: Peter May

Introduction to the topology subprogram; topics in algebraic topology

Title: Coambiguous concepts