

# Ph.D. Program in Mathematics

## GC MATHFEST Fall 2022

Hosted by the Graduate Center, City University of New York

**Date:** Friday, November 18, 2022

*Attend in person or remotely.*

If you are an undergraduate or masters student interested in the PhD Program in Mathematics, we invite you to the GC 2022 Mathfest:

- Meet some of our faculty and graduate students
- Learn about our areas of research, programs we offer and our financial support packages
- We will provide lunch to those attending in person

The City University of New York Mathematics Graduate Center is a first rate research institution with over 90 faculty and 80 graduate students. Research areas include algebraic topology, arithmetic algebraic geometry, analysis and harmonic analysis, aspects of contemporary physics, combinatorics, commutative algebra, complex analysis and Riemann surfaces, cryptography, differential geometry, dynamical systems, geometric group theory, global analysis, Lie theory, logic, low dimensional topology and geometry, model theory, number theory, PDE, probability and set theory. The Graduate Center research atmosphere is as vibrant as the city streets surrounding it.

Learn more at our website: <https://www.gc.cuny.edu/mathematics>.

**Registration is Required for in person & remote.** In person attendance requires proof of vaccination or recent negative COVID test. Details and Registration is here: <https://forms.gle/5YmTxAXdhkcn97kcA>

### SCHEDULE

#### All Times are EST

10:00-10:05	Welcome and introductions
10:05-10:35	Adam Sheffer: The sum-product problem
10:35-11:05	Tamara Kucherenko: Chaotic behavior in dynamical systems
11:05-11:15	Questions & Discussion
11:15-12:15	Time with graduate student panel
12:15-1:15	Lunch
1:45-2:15	Renato Bettiol: How to find nontrivial solutions out of trivial ones?
2:15-2:30	Funding information and closing remarks

CONTACT: [Mathematics@gc.cuny.edu](mailto:Mathematics@gc.cuny.edu) for further information or questions involving GC Mathfest.