



**Conference schedule
Arithmetic (and) Harmonic Analysis
May 31 - June 4, 2021**

Monday, May 31

- 09:50-10:00 Greeting I
[Sisask: Roth's theorem: using harmonic analysis to count solutions to a linear equation in sets of integers](#)
- 10:00-10:40 [Sisask: Roth's theorem: using harmonic analysis to count solutions to a linear equation in sets of integers](#)
- 10:40-11:00 Fika
- 11:00-11:40 [Carneiro: Magic functions and the equidistribution of zeros of polynomials](#)
- 14:50-15:00 Greeting II
- 15:00-16:00 [Wooley](#)
- 16:00-16:30 Fika
- 16:30-17:30 [Demeter](#)

Tuesday, June 1

- 10:00-10:40 **Hughes:** *Initial approaches to discrete restriction theory*
- 10:40-11:00 Fika
- 11:00-11:40 **Shparlinski:** *Maximal Operators and Restriction Bounds for Weyl Sums*
- 15:00-16:00 **Wooley**
- 16:00-16:30 Fika
- 16:30-17:30 **Demeter**

Wednesday, June 2

- 10:00-10:40 **Zhao:** *On sums of unlike powers*
- 10:40-11:00 Fika
- 11:00-11:40 **Zorin-Kranich:** *Decoupling for quadratic forms*
- 14:00-14:40 [Magyar: Embedding metric graphs in "thin sets"](#)
- 15:00-17:30 Problem and discussion session

Thursday, June 3

- 10:00-10:40 [Yung: Improved discrete restriction for the parabola](#)
- 10:40-11:00 Fika
- 11:00-11:40 [Biggs: Ellipsephic Efficient Congruencing for the Vinogradov system](#)
- 15:00-16:00 [Wooley: Efficient congruencing: inductive application of linearity in Henselian fields](#)
- 16:00-16:30 Fika
- 16:30-17:30 [Demeter: Decoupling](#)

Friday, June 4

- 10:00-10:40 [Brüderm: Weyl sums: remarks and speculations](#)
- 10:40-11:00 Fika
- 11:00-11:40 [Iliopoulou: Sharp \$L^p\$ estimates for oscillatory integral operators of arbitrary signature](#)
- 15:00-17:30 Free discussion