

# Seminars and Colloquia

Department of Mathematics, Statistics, and Computer Science  
University of Illinois at Chicago

COMBINATORICS AND DISCRETE PROBABILITY SEMINAR 1227 SEO 3:00 PM Monday April 22, 2024

**James Anderson** (Georgia Tech)

*Coloring locally sparse graphs*

ALGEBRAIC GEOMETRY SEMINAR 636 SEO 3:00 PM Monday April 22, 2024

**Eric Riedl** (University of Notre Dame)

*Nonfree curves and Geometric Manin's Conjecture*

ANALYSIS AND APPLIED MATHEMATICS SEMINAR 636 SEO 4:00 PM Monday April 22, 2024

**Erkan Nane** (Auburn University)

*Stochastic Models for Space-time fractional Dynamics*

COMPUTER SCIENCE THEORY SEMINAR 1227 SEO 4:00 PM Monday April 22, 2024

**Jake Maranzatto** (UIC)

*Age of Gossip in Random and Bipartite Networks*

COMPUTER SCIENCE THEORY SEMINAR 636 SEO 1:00 PM Wednesday April 24, 2024

**Yuzhou Wang** (once UIC, now Georgia Tech)

*On the Hardness of Finding Balanced Independent Sets in Random Bipartite Graphs*

COMMUTATIVE ALGEBRA SEMINAR 1227 SEO 3:00 PM Wednesday April 24, 2024

**Josh Pollitz** (Syracuse University)

*Frobenius pushforwards and generators for the derived category*

GEOMETRY/TOPOLOGY SEMINAR 636 SEO 3:00 PM Wednesday April 24, 2024

**Ruxandra Moraru** (Waterloo)

*Co-Higgs bundles and holomorphic Poisson structures*

STATISTICS AND DATA SCIENCE SEMINAR 636 SEO 4:00 PM Wednesday April 24, 2024

**Please Post!** For more information, see: <http://www.math.uic.edu/seminars>

**Kyunghee Han** (UIC)

*Statistics Annual Ceremony*

LOGIC SEMINAR

712 SEO 4:00 PM Wednesday April 24, 2024

**James Walsh** (New York University)

*New results on incompleteness and ordinal analysis*

THESIS DEFENSE

1227 SEO 2:00 PM Thursday April 25, 2024

**Zihan Xia** ()

*Quantitative Amenability for Actions of Finitely Generated Groups*

DIRECTED READING PROGRAM PRESENTATIONS

636 SEO 11:00 AM Friday April 26, 2024

**DRP Undergrads** (UIC)

*DRP Final Presentations*

NUMBER THEORY SEMINAR

1227 SEO 1:00 PM Friday April 26, 2024

**Ciaran Schembri** (Dartmouth College)

*Torsion and moduli of surfaces with quaternionic multiplication*

DEPARTMENTAL COLLOQUIUM

636 SEO 3:00 PM Friday April 26, 2024

**Ruxandra Moraru** (Waterloo)

*Holomorphic symplectic manifolds*

ANALYSIS AND APPLIED MATHEMATICS SEMINAR

636 SEO 4:00 PM Monday April 29, 2024

**Aynur Bulut** (Louisiana State University)

*New perspectives on scaling thresholds and quantitative criteria for blow-up*

THESIS DEFENSE

712 SEO 10:30 AM Wednesday May 1, 2024

**Yifei Huang** (University of Illinois at Chicago)

*New Algorithms for D-optimal Designs under General Parametric Models*

GEOMETRY/TOPOLOGY SEMINAR

636 SEO 2:00 PM Wednesday May 8, 2024

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**Ian McIntosh** (University of York)

*TBA*

DEPARTMENTAL COLLOQUIUM

636 SEO 3:00 PM Friday September 6, 2024

**Emily Barnard** (De Paul)

*TBA*

DEPARTMENTAL COLLOQUIUM

636 SEO 3:00 PM Friday September 20, 2024

**Maria Chudnovsky** (Princeton)

*TBA*

DEPARTMENTAL COLLOQUIUM

636 SEO 3:00 PM Friday October 25, 2024

**Teena Gerhardt** (Michigan State)

*TBA*

DEPARTMENTAL COLLOQUIUM

636 SEO 3:00 PM Friday November 8, 2024

**Juanita Pinzon Caicedo** (Notre Dame)

*TBA*

DEPARTMENTAL COLLOQUIUM

636 SEO 3:00 PM Friday November 15, 2024

**Noah Giansiracusa** (Bentley University)

*TBA*