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

**Thesis Defense**

**Carl Dean** (UIC)

*Remarks on the Tree Property and its Generalizations*

**Combinatorics and Probability Seminar**

**Nick Cook** (Duke)

*Universality for the minimum modulus of random trigonometric polynomials*

**Algebraic Geometry Seminar**

**Ravi Vakil** (Stanford University)

*Two stabilizations in algebraic geometry: Hurwitz spaces and Bott periodicity*

**Analysis and Applied Mathematics Seminar**

**Vincent Martinez** (CUNY)

*On unique ergodicity and mixing for the damped-driven stochastic KdV equation*

**Model Theory Seminar**

**Dave Marker** (UIC)

*Lectures on Large Stable Fields 6*

**Logic Seminar**

**Alexi Block Gorman** (UIUC)

*Fractal Dimensions and Definability from Büchi Automata*

**Graduate Number Theory Seminar**

**Tian Wang** (UIC)

*Computing heights on elliptic curves III*

**Statistics and Data Science Seminar**

**Zoom** 9:00 AM  Monday March 15, 2021

**Zoom** 3:00 PM  Monday March 15, 2021

**Zoom** 3:00 PM  Monday March 15, 2021

**Zoom** 4:00 PM  Monday March 15, 2021

**Zoom** 4:00 PM  Monday March 15, 2021

**Zoom** 4:00 PM  Tuesday March 16, 2021

**Zoom** 3:00 PM  Wednesday March 17, 2021

**Zoom** 4:00 PM  Wednesday March 17, 2021

*Please Post!*  For more information, see: [http://www.math.uic.edu/seminars](http://www.math.uic.edu/seminars)
Pradeep Singh (Southeast Missouri State University)

*Multiple imputation methods for unknown stage at diagnosis in cancer data*

Quantum Topology Seminar

Eiji Ogasa (Meijigakuin University, Computer Science, Japan)

*An elementary introduction to Khovanov-Lipshitz-Sarkar stable homotopy type*

Combinatorics and Probability Seminar

Corrine Yap (Rutgers)

*A Topological Turán Problem*

Logic Seminar

Sittinon Jirattikansakul (CMU)

*Blowing up the power of singular cardinal of any uncountable cofinality with collapses*

Graduate Number Theory Seminar

Jacob Mayle (UIC)

*Computing heights on elliptic curves IV*

Commutative Algebra Seminar

Michael Perlman (Queen’s University)

*Mixed Hodge structure on local cohomology with support in determinantal varieties*

Statistics and Data Science Seminar

Shan Yu (University of Virginia)

*TBA*

Departmental Colloquium

Uri Bader (Weizmann Institute)

*TBA*

Combinatorics and Probability Seminar

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Mehtaab Sawhney (MIT)
tba

**Algebraic Geometry Seminar**
Zoom 3:00 PM Monday April 5, 2021

Sarah Peluse (Princeton University/IAS)
TBA

**Analysis and Applied Mathematics Seminar**
Zoom 4:00 PM Monday April 5, 2021

David Padilla-Garza (TU Dresden)
Large Deviation Principle for local empirical measure of Coulomb gases at intermediate temperature regime

**Logic Seminar**
Zoom 11:00 AM Tuesday April 6, 2021

Raphael Carroy (University of Turin)
TBA

**Graduate Number Theory Seminar**
Zoom 3:00 PM Wednesday April 7, 2021

TBD
Automorphic forms and representations I

**Commutative Algebra Seminar**
Zoom 4:00 PM Wednesday April 7, 2021

Austyn Simpson (UIC)
TBA

**Statistics and Data Science Seminar**
Zoom 4:00 PM Wednesday April 7, 2021

Luo Xiao (North Carolina State University)
TBA

**Departmental Colloquium**
Zoom 3:00 PM Friday April 9, 2021

Thomas Nikolaus (University of Münster)
TBA

**Combinatorics and Probability Seminar**
Zoom 3:00 PM Monday April 12, 2021

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Asaf Ferber (UC Irvine)

Algebraic Geometry Seminar

Hannah Larson (Stanford University)
Brill–Noether theory over the Hurwitz space

Logic Seminar

Andrew Marks (UCLA)
TBA

Graduate Number Theory Seminar

TBD ()
Automorphic forms and representations II

Commutative Algebra Seminar

Patricia Klein (University of Minnesota)
TBA

Statistics and Data Science Seminar

Guan Yu (University of Buffalo)
Locally Weighted Nearest Neighbor Classifier and Its Theoretical Properties

Algebraic Geometry Seminar

Jordan Ellenberg (University of Wisconsin Madison)
TBA

Analysis and Applied Mathematics Seminar

Changhui Tan (University of South Carolina)
TBA

Logic Seminar

Zoom 3:00 PM Monday April 12, 2021
Zoom 4:00 PM Tuesday April 13, 2021
Zoom 3:00 PM Wednesday April 14, 2021
Zoom 3:00 PM Monday April 19, 2021
Zoom 4:00 PM Monday April 19, 2021
Zoom 11:00 AM Tuesday April 20, 2021

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Hang Lu Su (ICMAT, Madrid)
TBA

Graduate Number Theory Seminar
TBD ()
Automorphic forms and representations III

Commutative Algebra Seminar
Swaraj Pande (University of Michigan)
TBA

Statistics and Data Science Seminar
Xuan Bi (University of Minnesota)
TBA

Analysis and Applied Mathematics Seminar
Nathan Glatt-Holtz (Tulane University)
TBA

Logic Seminar
Gabriel Goldberg (UC Berkeley)
TBA

Graduate Number Theory Seminar
TBD ()
Automorphic forms and representations IV

Statistics and Data Science Seminar
Xiaofeng Shao (UIUC)
TBA

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Xiaofeng Shao (UIUC)
TBA

Statistics and Data Science Seminar
Xiaofeng Shao (UIUC)
TBA

Statistics and Data Science Seminar
Xiaofeng Shao (UIUC)
TBA

Departmental Colloquium
Jerry Bona (UIC)
Mathematics in the Service of Oceanography

Zoom 4:00 PM Wednesday April 28, 2021
Zoom 4:00 PM Wednesday April 28, 2021
Zoom 3:00 PM Friday April 30, 2021

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