THE 43RD MIDWEST PROBABILITY COLLOQUIUM
October 20-22, 2022, Northwestern University

Thursday, October 20, 2022 (Room 107, Swift Hall, 2021 Sheridan Road, Evanston)
(Chair: Elton Hsu)

3:30PM -- 4:00PM  Registration

4:00PM -- 5:00PM  Ioana Dumitriu (University of California, San Diego)
       Spectra of Random Graphs I: Shape and Connection with Random Matrices

5:00PM -- 5:25PM  Coffee and Refreshments

5:25PM -- 6:25PM  Ioana Dumitriu (University of California, San Diego)
       Spectra of Random Graphs II: Outliers

Friday, October 21, 2022 (Room G21, Annenberg Hall, 2120 Campus Drive, Evanston)
(Chair: Tai Melcher)

12:00PM -- 2:00PM  Women in Probability Lunch
(Chair: Reza Gheissari)

2:50PM -- 3:30PM  Registration

3:30PM -- 4:30PM  Robin Pemantle (University of Pennsylvania)
       A Review of Negative Dependence

4:30PM -- 5:00PM  Coffee and Refreshments

5:00PM -- 6:00PM  Xin Sun (University of Pennsylvania)
       Random Modulus of the Brownian Annulus and the Ghost CFT

6:30PM -- 8:30PM  Reception in Room 108 Harris Hall (open to all registered participants)

Saturday, October 22, 2022 (Room 107, Swift Hall, 2021 Sheridan Road, Evanston)
(Chair: Antonio Auffinger)

8:30AM -- 9:00AM  Continental Breakfast

9:00AM -- 10:00AM  Robin Pemantle (University of Pennsylvania)
       An Active Learning Approach to Graduate Applied Probability

10:00AM -- 10:30AM  Coffee and Refreshments

10:30AM -- 11:30AM  Tom Hutchcroft (California Institute of Technology)
       Percolation on Finite Transitive Graphs
(Chair: Greg Lawler)

11:30AM -- 11:50AM  Business Meeting (open to all participants)

1:30PM -- 2:30PM  Dapeng Zhan (Michigan State University)
       Boundary Green's Function and Minkowski Content of SLE_{kappa}(\rho)