

THE 41ST MIDWEST PROBABILITY COLLOQUIUM

October 10-12, 2019, Northwestern University

Thursday, October 10, 2019 (Room 105 Lunt Hall, 2033 Sheridan Road)

(Chair: Elton Hsu)

2:15PM -- 2:45PM Registration

2:45PM -- 3:45PM **Harry Crane (Rutgers University)**
Probabilistic Symmetry and Network Models, I

3:45PM -- 4:10PM Coffee and Refreshments

4:10PM -- 5:10PM **Harry Crane (Rutgers University)**
Probabilistic Symmetry and Network Models, II

Friday, October 11, 2019 (Room 107 Swift Hall, 2029 Sheridan Road)

(Chair: Julian Gold)

2:50PM -- 3:30PM Registration

3:30PM -- 4:30PM **Greg Lawler (University of Chicago)**
Complex Gaussian Fields and (Brownian Motion and Random Walk) Loop Soups

4:30PM -- 5:00PM Coffee Break

5:00PM -- 6:00PM **Louis-Pierre Arguin (City University of New York)**
Large Values of the Riemann Zeta Function on Short Intervals

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

Saturday, October 12, 2019 (Room 107 Swift Hall, 2029 Sheridan Road)

(Chair: Elton Hsu)

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

9:00AM -- 10:00AM **Greg Lawler (University of Chicago)**
Brownian Loops, Multiple Radial Schramm-Loewner Evolution and Dyson Brownian Motion

10:00AM -- 10:30AM Coffee Break

10:30AM -- 11:30AM **Jasmine Foo (University of Minnesota)**
Statistical Models of Cancer Evolution

(Chair: Greg Lawler)

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

11:50AM -- 1:30AM Lunch

1:30PM -- 2:30PM **Janko Gravner (University of California, Davis)**
Long-range Bootstrap Percolation