Check [http://math.usc.edu](http://math.usc.edu) for updates and abstracts.

### Monday, October 29, 2018

**Mathematical Finance Colloquium**, KAP 414, 2:00-3:00pm  
Ruoyu Wu, University of Michigan  
**Title:** *Weakly Interacting Particle Systems on Graphs: From Dense to Sparse*

**Mathematics Tea**, KAP 410, 3:00-3:30pm  

**Algebra Seminar**, KAP 245, 3:30-4:30pm  
Jean Fasel, Grenoble  
**Title:** *Hermitian K-theory, A¹-homotopy and characteristic classes*

**Geometry & Topology Seminar**, KAP 245, 4:30-5:30pm  
Francis Bonahon, USC  
**Title:** *The Mirzakhani function on the moduli space of a surface*

**Math Education Seminar**, KAP 427, 4:30-5:30pm  
Facilitator: Paul Tokorcheck, USC  
**Title:** *Integration via the Hyperreals, Part 2*

### Wednesday, October 31, 2018

**Combinatorics Seminar**, KAP 414, 11:00-11:50am (please note the time)  
Lenny Fukshansky, Claremont McKenna College  
**Title:** *An algebraic perspective on integer sparse recovery*

**Mathematics Tea**, KAP 410, 3:00-3:30pm

### Friday, November 2, 2018

**Categorification Seminar**, KAP 245, 3:30-4:30pm  

**Mathematics Tea**, KAP 410, 3:00-3:30pm  

**Probability and Statistics Seminar**, KAP 414, 3:30-4:30pm  
Aaditya Ramdas, Department of Statistics and Data Science, Carnegie Mellon University  
**Title:** *Exponential line-crossing inequalities*