



Modern Mathematics Workshop 2018

SCHEDULE

Wednesday, October 10th

[Henry B. Gonzales Convention Center](#)

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| 12:00-1:00 | Registration/Check-in -- Foyer |
| 1:00-2:30 | Undergrad Mini Course 1 – 225A
Ernest Fokoué , Rochester Institute of Technology “ <i>Foundational Statistical Machine Learning Methods for Modern Data Science</i> ” |
| 1:00-2:30 | Undergrad Mini Course 2 – 225B
Katie Newhall , University of North Carolina, Chapel Hill “ <i>Stochastic Dynamics on Energy Landscapes</i> ” |
| 1:00-1:40 | MSRI – Annie Raymond , University of Massachusetts, Amherst “ <i>Symmetry and Graph Profiles</i> ” – 225C |
| 1:45-2:25 | ICERM – Henry Segerman , Oklahoma State University “ <i>Illustrating Mathematics at ICERM</i> ” – 225C |
| 2:45-4:10 | Undergrad Mini Course 1 – 225A
Ernest Fokoué , Rochester Institute of Technology “ <i>Foundational Statistical Machine Learning Methods for Modern Data Science</i> ” |
| 2:30-2:45 | Break - Foyer |
| 2:45-4:10 | Undergrad Mini Course 2 – 225B
Katie Newhall , University of North Carolina, Chapel Hill “ <i>Stochastic Dynamics on Energy Landscapes</i> ” |
| 2:45-3:20 | IAS/PCMI - Jo Nelson , Rice University “ <i>Contact Invariants and Reeb Dynamics</i> ” – 225C |





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SCHEDULE (*cont.*)

- 3:30-4:10 SAMSU – **Cheng Cheng**, SAMSU
“*Nonsampled Graph Filter Banks and Distributed Implementation*” – **225C**
- 4:30-4:45 **Juan Meza**, University of California, Merced– **225C**
“*Brief Overview of DMS*”
- 4:45-5:45 **Javier Rojo**, Oregon State University – **225C**
KEYNOTE: “*Partial Orders of Distribution*”
- 5:45-6:45 **Modern Math Workshop Reception** – **225D**

Thursday, October 11th

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- 9:00-9:45 AIM – **Michael Young**, Iowa State University – **225A**
“*Rainbow Numbers for $x_1 + x_2 = kx_3$ in Z_n* ”
- 9:45-10:25 IPAM – **Pablo Suárez-Serrato**, UNAM Mexico City – **225A**
“*Taming the Homotopy of Networked Data*”
- 10:30-10:45 Break – **Foyer**
- 10:45-11:25 MBI – **Veronica Ciocanel** – **225A**
“*Modeling the Cytoskeleton Roads in Intracellular*”
- 11:30-12:30 Q&A with Institute Representatives – **225A**

