



Undergraduate Workshop

February 25-26, 2019

SCHEDULE

Monday, February 25, 2019

SAMSI, RTP

8:30-8:45	Shuttle from Hotel to SAMSI and Registration
8:45--9:00	<i>Introduction and Opening Remarks</i> Elvan Ceyhan, SAMSI/NCSU
9:00-9:45	<i>Tutorial on R Software</i> Pulong Ma, Wenjia Wang, SAMSI
9:45-10:00	Break
10:00-11:00	<i>Tutorial on Matlab</i> Nikolas Bravo, SAMSI
11:00-11:15	Break
11:15-12:15	<i>Research Talk</i> Elaine Spiller, Marquette University
12:15-1:30	Lunch
1:30-2:15	<i>Elementary Bayesian Inference - Theory</i> Ralph Smith, NCSU
2:15-2:30	Break
2:30-3:15	<i>Elementary Bayesian Inference - Practical Aspects and Project</i> Ralph Smith, NCSU
3:15-3:30	Break
3:30-4:15	<i>A Biased Introduction to Global Sensitivity Analysis</i> Pierre Gremaud, NCSU
4:15-4:30	Break
4:30-5:15	<i>Panel on Career Opportunities</i> Valerie Schwartz, Institute for Advanced Analytics, NCSU SAMSI Postdocs and Graduate Fellows
5:15-6:30	Dinner and Shuttle to Hotel

Tuesday, February 26, 2019

SAMSI, RTP

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| 9:00-10:00 | <i>Project Work</i>
Ralph Smith & students working in teams |
| 10:00-10:45 | <i>An Introduction to Surrogates and Emulators</i>
Bruce Pitman |
| 10:45-12:00 | <i>Project Work and Reports (coffee available)</i>
Ralph Smith & students working, and team reporting |
| 12:00-12:15 | Adjourn and Box Lunch |
| 12:15→ | Shuttles Depart to RDU Airport |