



Astrophysical Population Emulation and Uncertainty Quantification Workshop

SCHEDULE

April 3-7, 2017

Monday, April 3, 2017

SAMSI Room 104, Room 106, Room 123

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| 9:30-9:45 | Registration |
| 9:45-10:00 | Opening Remarks
Sujit Ghosh , SAMSI |
| 10:00-11:00 | Workshop Project Pitches
Jim Barrett , University of Birmingham, UK
Nesar Ramachandra , University of Kansas
Angie Wolfgang , Penn State |
| 11:00-Noon | Tutorial: Combining models and data for prediction, parameter estimation
and uncertainty quantification
Earl Lawrence , Los Alamos National Lab |
| 12:00-1:30 | Lunch at SAMSI |
| 1:30-3:00 | Workshop Project Pitches
Eric Ford , Penn State
Sheila Kannappan , UNC
Ben Nelson , Northwestern University
Maya Fishbach , University of Chicago |
| 3:00-5:00 | Collaborative work in Project Groups |
| 5:30 | Shuttle to Hotel |

Tuesday, April 4, 2017

SAMSI Room 104, Room 106, Room 123

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| 9:30-10:30 | Tutorial: An introduction to computer model emulation - issues and advice
Derek Bingham , Simon Fraser University |
| 10:30-Noon | Collaborative work in Project Groups |
| 12:00-1:30 | Lunch at SAMSI |

1:30-5:00 Collaborative work in Project Groups

5:30 Shuttle to Hotel

Wednesday, April 5, 2017

SAMSI Room 104, Room 106, Room 123

9:30-10:00 Prep Time for Updates from Project Groups

10-10:30 Project Updates

10:30-12:00 Tutorial: Design of experiments for computer models
Derek Bingham, Simon Fraser University

12:00-1:15 Lunch at SAMSI

1:15-2:15 SAMSI Postdoc Seminar

2:15-4:00 Collaborative work in Project Groups

4:00-5:00 Mid-workshop Progress Reports

5:30 Shuttle to Hotel

Thursday, April 6, 2017

SAMSI Room 104, Room 106, Room 123

9:30-Noon Collaborative work in Project Groups

12:00-1:30 Astrophysical Populations Working Group (Telecon)

1:30-2:30 Lunch at SAMSI

2:30-5:00 Collaborative work in Project Groups

5:30 Shuttle to Hotel

Friday, April 7, 2017

SAMSI Room 104, Room 106, Room 123

9:30-11:00 Project Group Reports

11-Noon Planning for Continued Collaborations

Noon-1:30 Lunch at SAMSI

1:30 Shuttle to RDU Airport