



NASA DIRECT-STEM / NSF XSEDE

Pre-Trainee Workshop #7

Advanced Scientific Computing in Python, Part 2

March 2, 2019

KH Lecture Hall 1

Agenda

9:00 – 9:20	Breakfast and Sign-in
9:20 – 9:30	Introductions and Announcements
9:30 – 10:25	Data science with pandas; how to deal with messy data
10:25 – 10:50	Analyzing historical wildfire data
10:50 – 11:05	<u>Morning Break</u>
11:05 – 11:50	Modeling and simulating wildfires
11:50 – 12:50	<u>Lunch</u>
12:50 – 13:45	Modeling and simulating wildfires (cont.)
13:45 – 13:55	<u>Afternoon Break</u>
13:55 – 14:45	Running simulations on XSEDE/Stampede2
14:45 – 15:00	Survey