



NCCU Mini-Workshop on Supercomputing for Research and Education May 14-15, 2012 Townes Science Building

May 14, 2012

Noon	Lunch/Registration - Room 1229	
12:30 PM – 4:30 PM	Plenary – Room 1221	
12:30 PM	Welcome & Introductions	Caesar Jackson, NCCU
1:00 PM	Extreme Science and Engineering Discovery Environment (XSEDE) XSEDE Opportunities in Supercomputing	Jim Ferguson, NICS
2:30 PM	NCCU Information Technology Infrastructure	Joel Faison, NCCU
3:00 PM	COMPUTATIONAL THINKING: Introduction to Modeling, Simulation, and Visualization in Research and Teaching	Steve Gordon, OSC
4:30 PM	Day 1 Wrap-up; Create XSEDE User Accounts & Preparation for Day 2	Linda Akli, SURA

May 15, 2012 Hands-on Experiential Activities in Computer Labs with XSEDE

8:00 AM	Continental Breakfast – Room 1229	
9:00 AM	Breakout 1: Intro to Parallel Programming (coding) – Room 3226	Daniel Lucio, NICS
	Breakout 2: Intro to Scientific Visualization – Room 3236	Anne Bowen, TACC
	Breakout 3: Adding Computational Science to Curriculum – Room 3221	Steve Gordon, OSC
12:30	Lunch – Room 1229	
1:30 PM	XSEDE Tools/Science Gateway/Code & problem consultation by domains	
	Computational Physics – Room 3226	Jim Ferguson, NICS
	Computational Biology, Chemistry, Environmental Science – Room 3236	Anne Bowen, TACC
	Teaching with XSEDE – Room 3221	Steve Gordon, OSC
3:30 PM	Wrap Up/Next Steps – Room 1229	Caesar Jackson, NCCU

