



Beowulf Boot Camp

July 8-12, 2013 Schedule

Monday, July 8			
9:00-9:40 AM	ECE 1000	Registration, introductions, breakfast	Karen Jones
9:40-10:00 AM	ECE 1019	Bootcamp Welcome	Steven Brandt
10:00-10:45 AM	ECE 1019	Building a Computer from its Parts	Bryce Lelbach
10:45-11:15 AM	ECE 1000	Break	
11:15-12:00 PM	ECE 1019	Installing Linux Operating System	Adam Yates
12:00-1:00 PM	ECE 1000	Lunch	
1:00-2:00 PM	ECE 1019	Unix Shell & Nano	Dennis Castleberry
2:00-3:30 PM	ECE 1019	Programming in Python, Part I	Steven Brandt
Tuesday, July 9			
9:00-9:30 AM	ECE 1000	Breakfast	
9:30-10:15 AM	ECE 1019	General Relativity Coastal Modelling ?	Peter Diener Jim Chen Brygg Ullmer
10:15-10:35 AM	ECE 1019	Assembling Cluster Hardware	Bryce Lelbach
10:35-11:00 AM	ECE 1000	Break	
11:00-12:00 PM	ECE 1019	Intro to Parallelism	Hartmut Kaiser
12:00-1:00 PM	ECE 1000	Lunch	
1:00-3:30 PM	ECE 1019	Programming in Python, Part II	Steven Brandt
Wednesday, July 10			
9:00-9:30 AM	ECE 1000	Breakfast	
9:15-9:45 AM		Supercomputing and Animation	Anselm von Seherr-Thoss
9:45-10:30 AM	ECE 1019	Installing and Configuring a Linux Cluster	Adam Yates
10:30-10:45 AM	ECE 1000	Break	
10:45-12:00 PM	ECE 1019	Idea of Cooperative Computing	Steven Brandt
12:00-1:00 PM	ECE 1000	Lunch	
1:00-3:30 PM	ECE 1019	Parallel Programming in Python, Part I	Steven Brandt
Thursday, July 11			
9:00-9:30 AM	ECE 1000	Breakfast	
9:30-10:30 AM	ECE 1019	Top 500 Machines	Bryce Lelbach
10:30-10:45 AM	ECE 1000	Break	
10:45-12:00 PM	ECE 1019	Problem-Solving in Python	Steven Brandt
12:00-1:00 PM	ECE 1000	Lunch	
1:00-3:30 PM	ECE 1019	Parallel Programming in Python, Part II	Steven Brandt
Friday, July 12			
9:00-9:30 AM	ECE 1000	Breakfast	
9:30-10:50 AM	ECE 1019	LittleFe; HPC Scale Problems	Isaac Traxler, Hartmut Kaiser
10:50-12:00 PM	Frey Lobby	Tour of Machine Room	Isaac Traxler
12:00-1:00 PM	ECE 1000	Lunch	
1:00-3:30 PM	ECE 1019	HPC Challenge Problems	Steven Brandt
3:30-4:00 PM	ECE 1000	Survey/Break	
4:00-5:30 PM	ECE 1000	High-Performance Pizza, Showcase	
4:00-5:30 PM	ECE 1000	High-Performance Pizza	
4:15-4:45 PM		Call to Adventure	Joel Tohline
4:45-5:30 PM		Showcase	Steven Brandt