

Consortium for Computational Science and High Performance Computing
Summer Workshop
Monday, July 26 - Wednesday, July 28

Location: Room 243 of the CAP Building at Appalachian State in Boone, NC.
The evening social events will be at parks in the local area; food will be provided.

DAY ONE: GREETINGS, MATLAB TOOLS, AND PLANNING

8:30 - 9:30	Greetings, planning questions for afternoon session
9:30 - 10:30	MatLab Basics (Kurtz)
10:30 - 11:30	MatLab Toolkits – Image Processing (Tashakkori)
11:30 – 1:00	Lunch
1:00 – 2:00	MatLab Toolkits - Bioinformatics (Li)
2:00 – 3:00	Planning for 2004-05 academic year (Kurtz)
3:00 – 5:00	Materials Development to Support Courses (Kurtz)
6:00 – 8:30	Social Event with Food

DAY TWO: PRESENTATIONS ABOUT NEW COURSES

8:30 - 9:30	Grid Computing (Wilkinson, Holliday)
9:30 - 10:30	Monte Carlo Methods and HP Simulation (Li, Providence) Parallel Algorithm Design and Analysis (Providence, Li)
10:30 - 11:30	Cryptography and Network Security (Suthaharan, Kurtz)
11:30 – 1:00	Lunch
1:00 – 2:00	Intelligent Decision Making (Hollingsworth, Powell)
2:00 – 3:00	Digital Image Processing (Tashakkori, Lea)
3:00 – 4:00	Issues for schools only receiving courses (Hull, Hightower)
4:00 – 5:00	Bioinformatics Computing (Hwang, via NCREN, Campbell)
6:00 – 8:30	Social Event with Food

DAY THREE: EQUIPMENT, GLOBUS, GRID COMPUTING

8:30 – 10:00	Equipment, Installation, Licensing (Cook)
10:00 - 11:30	Installing Globus (Cook)
11:30 – 1:00	Lunch
1:00 – 5:00	Grid Computing, a hands-on introduction (Wilkinson, Holliday)