



Office of Energy Efficiency



Labs21 High Performance, Low-Energy Design Course Agenda

**August 25th, 2006
Cleveland State University**

8:00am – 8:30 am	Registration
8:00am – 8:30 am	Continental Breakfast
8:30am – 8:45am	Welcome/Introductions
8:45am – 9:00am	What is a Laboratory for the 21st Century?
9:00am – 9:30am	Video – Improving Lab Performance
9:30am – 10:00am	Lawrence Berkley National Laboratory: A Case Study
10:00am – 10:45am	Introduction to the Architecture of High Performance Labs
10:45am – 11:00am	Break
11:00am – 11:45am	Introduction to the Engineering of High Performance Labs
11:45am – 12:30pm	Supply & Distribution
12:30pm – 1:30pm	Lunch
1:30pm – 2:15pm	Exhaust System & Devices
2:15pm – 2:45pm	Lighting, Daylighting & Lighting Controls
2:45pm – 3:15pm	Controls & Commissioning
3:15pm – 3:30pm	Break
3:30pm – 4:15pm	LEED™, Environmental Performance Criteria/Benchmarking
4:15pm – 4:45pm	Case Studies
4:45pm – 5:00pm	Resources, Tools & Summary