FIGS'08
Florida International Grid School 2008
January 23-25 2008
Florida International University's Wolfsonian Museum in Miami Beach, Florida

JOIN US for an exciting 3-day course in large-scale and high-performance grid computing to take place on January 23-25, 2008, at Florida International University's Wolfsonian Museum. The Wolfsonian Museum is located in the heart of historic Miami Beach, within easy walking distance of the world-famous Art Deco District in South Beach.

This intensive course introduces the techniques of grid and distributed computing for science and engineering fields, with hands-on training in the use of national grid computing resources.

The grid school introduces essential skills that will be needed by researchers in the natural and applied sciences, engineering, and computer science to conduct and support large-scale computation and data analysis in emerging grid and distributed computing environments.

Course participants will work with leading experts in grid computing. The training will focus on enabling the use of national Cyberinfrastructure - Open Science Grid and TeraGrid - to perform large-scale computations and data-intensive processing various application fields of research. Participants will learn to use grids of thousands of processors and will be able to continue to use these resources for their research after the workshop.

The workshop will cover:
*   Overview of distributed computing concepts and tools
*   Wide-area high speed optical networking
*   Concepts, tools, and techniques of grid computing
*   Discovering and using grid resources
*   Grid scheduling and distributed data management
*   Web service and grid service concepts
*   Techniques for workflow and collaboration

Undergraduate and graduate students, researchers, educators and professionals in engineering, computer science, or any scientific, data-or computing-intensive discipline may apply. Applicants should have at least intermediate programming skills (one to two semesters experience in C/C++, Java, Perl, and/or Python) and hands-on experience with UNIX / Linux in a networked environment.

For information on FIGS'08 please visit http://www.opensciencegrid.org/workshop or please send a message to figs08@opensciencegrid.org