

**GEU-2: Grid-Enabling of Applications**  
**16 August 2006, 0900 - 1230 hours**

***Objective of Course:***

To establish the foundation for Grid computing, and to discuss the issues and considerations for enabling an application to run in a Grid environment.

***Course Outline:***

- Introduction to Grid computing and Globus Toolkit 3.0
- Basic Types of Application Flow
- Basic Types of Job
- Grid-enabling Applications
  - Considerations
  - Grid-enabling MPI applications
- Programming in Globus environment
- Development Tools
  - IDE (GriDE, Geodise)
  - Grid Simulator (Simgrid, GrimSim)
  - Analyzer (Dimemas)
- Application Examples and Workshop

***Audience:*** Developers

***Instruction Type:*** Workshop

***Pre-requisites for this workshop:***

- a) Must have attended Course GEU-1: Introduction to Globus, or
- b) Have relevant experience in the area covered by the course. The applicant will be required to describe his relevant experience(s), which will be accessed by the NGCC team and will be handled on a case by case basis.
- c) Must bring along a laptop with a minimum configuration of a Pentium III.

***No Show Fee:*** A charge of \$50 will be levied if the attendee does not turn up for the course, or cancels his application for the course within 24 hours from the start time.

This is a FREE course and registration is on a first-come-first-served basis as seats are limited.

Date : 16 August 2006  
Time : 0900 to 1230 hours  
Venue : The Big One, 21 Heng Mui Keng Terrace, Singapore 119613

Please register at <http://webapp.ngp.org.sg/17C16082006/> or email at [vasu@ngp.org.sg](mailto:vasu@ngp.org.sg)