



EU DataGrid project Tutorial



The European DataGrid Project Team

<http://www.eu-datagrid.org>



Introduction

- The tutorials are aimed at users wishing to "gridify" their applications using EDG software and are organized over 2 full consecutive days as follows:
 - Mornings - presentations on general grid concepts, user interface commands, grid components, future directions.
 - Afternoons - hands-on exercises covering user interface operation with job submission, aspects of data management and job monitoring
- ◆ Pre-requisites for participants:
 - No prior knowledge is required for the presentations.
 - Basic knowledge of Linux user environment (shells, editor, etc.) is necessary to complete the exercises.
- ◆ Participants must be pre-registered for the afternoon hands-on sessions since security certificates need to be issued to use the EDG testbed.



Schedule

DAY1 *Location: room 202*

- Tutorial introduction
- Introduction to Grid computing and overview of the DataGrid project
Charles Loomis, IN 2P3 LAL
- Security
Sophie Nicoud, CNRS /UREC

Coffee

- Testbed overview
Pierrick Micout, CEA Saclay
- Job Submission
Jean-Jacques Blaising, IN 2P3 Annecy

lunch

- hands-on exercises: job submission
 - Location: room 202

DAY2 *Location: room 202*

- Data Management
Claude Charlot, IN 2P3 LLR (CMS)
- Information systems
Eric Fede, IN 2P3 Marseille
- Applications Use Cases – High Energy Physics
Fairouz Ohlsson-Malek, IN 2P3 Grenoble

Coffee

- Applications Use Cases – Medical Imaging
Johan Montagnat, CREATIS
- Future Directions
Charles Loomis, IN 2P3 LAL

lunch

- hands-on exercises: data mgmt & info systems
 - Location: room 202



We want your feedback

- Your feedback is actively sought
 - Please tell us of mistakes during each talk
 - Similarly for the exercises
- Thanks to:
 - Mario Reale, Elisabetta Ronchieri, Akos Frohner, Erwin Laure, Peter Kunszt, Antony Wilson, Steve Fisher, Maite Barroso Lopez, Owen Synge, Emanuele Leonardi, Markus Schulz, Steve Traylen, Frank Bonnassieux, Christophe Jacquet, Sophie Nicoud, David Groep, Karin Burghauser & CERN training people
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