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Face to Face Partners Meeting
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EGEE

Enabling Grids for E-science in Europe

Partner Presentation: UCL



EGEE is proposed as a project funded by the
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Outline

- **Who?**
- **What?**
- **inside EGEE**

Who ?

- **University College London → Research Group :**

 “e-Science Centre of Excellence in Networking”
- **Composed by 15 people distributed in:**
 - UCL - Computer Science
 - UCL - Electric and Electronic Engineering
 - UCL - High Energy Physics
 - UCL - Information Systems
- **...of them, 7 people working at High Energy Physics (including myself)**

What ?

- **High Energy Physics** involve in two main **projects**:
 - MB-NG: Managed Bandwidth Next Generation (www.mb-ng.net)
 - DataTAG: Data for TransAtlantic Grids (www.datatag.org)
- Aiming for:
 - High Throughput protocols: TCP & UDP based
 - End-to-end QoS: intra & inter – domain
 - Control Plane : MPLS
 - Bandwidth Allocation & Reservation (INFN and Jülich)
- Also involve in other projects like DataGrid:
 - Network Monitoring WP7: development of XML schemas
 - Web Services development
- Collaboration with:
 - GGF: GHPN : Grid High Performance Network
 - GGF: NM-WG: Network Monitoring
 - RAL, DANTE, Internet2, Canarie, etc...

For EGEE

- **Responsible to manage and coordinate activity JRA4**
 - Network Performance Monitoring and Diagnostic tools
 - Bandwidth Allocation and Reservation
 - IPv6
- Development of Bandwidth Allocation and Reservation and collaborate in the other tasks.