OGSA: The Platform for Delivering
UK e-Science

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UK All-Hands Meeting 2003
Panellists

- Steven Newhouse, London e-Science Centre
- Tony Hey, e-Science Directorate
- Geoffrey Fox, Indiana
- Miron Livny, Wisconsin
- Simon Laws, IBM
Web Services

- **Description & Discovery**
  - WSDL
  - UDDI

- **Tools & Platforms**
  - Apache axis
  - Websphere, .NET, ...

- **Invocation**
  - SOAP + HTTP
  - ...

- **Representations**
  - XML + Schema
Open Grid Services Infrastructure

- Factories
- Transient GS
- PortType Inheritance
- Service Data Elements
- GS Handles
- GS Records
- Soft State
- Notification

Implementations
- GT3
- MS.NETGrid
- OGSI::Lite
- OGSI.NET
- PyOGSI
- C/C++

Interoperation
- ICENI
- Unicore
- Condor
What exists now (roughly) ...

Applications for X Research

- Registry
- Data Access
- WS-Agreement
- OGSI: Interface to Grid Infrastructure
- Distributed Compute, Data & Storage Resources
Global Grid Forum

The Open Grid Services Architecture Platform

- Profile 1
- Profile 2
- ...

OGSA

(WG)

OGSA

(WG)

DAIS

OGSI

CMM

GRAAP

(WG)

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