

OGF-Europe Community Outreach Seminar

Digital Repositories – Interoperability Using Grid Technologies

Thursday 5 June, 09.00-17.15, Barcelona, Spain, within OGF23

Barcelona C

Agenda

09:00 – 09:30 Welcome & Introduction - key objectives and expected outcomes, David De Roure, University of Southampton, UK

09:30 – 10:30 Digital repositories - State of the art & future visions. Chair: David De Roure, University of Southampton, UK

Introduction - The Seventh Research Framework Programme (FP7): Scientific Digital Repositories, Krystyna Marek, "GEANT and e-Infrastructures" Unit of INFOS, European Commission

- **Digital Repositories in Research**, Andreas Aschenbrenner, TEXT Grid (D-Grid), Goettingen University, DE.
- **Digital Repositories in Enterprise**, Fabrizio Gagliardi, EMEA & LATAM Director Technical Computing, Microsoft, US Microsoft, US

10:30 -11:00 Networking Coffee Break

11:00 – 12:30 User case studies - Requirements, Standards & Interoperability: Challenges & Solutions. Chair: David De Roure, University of Southampton, UK

The presentations will demonstrate the successful implementation of Grids across **specific domains** with specific reference to how challenges can be tackled.

Earth Science - GENESI-DR (Ground European Network for Earth Science Interoperations – Digital Repositories); DEGREE (Grid support action for Earth Science), Luigi Fusco, European Space Agency, IT.

Space Sciences – Domain specific interoperability standards: The Astronomical Virtual Observatory, Françoise Genova, EuroVO-AIDA (Astronomical Infrastructure for Data Access), Strasbourg Astronomical Observatory, FR.

Natural Resource Science - Environmental Science: Environmental Monitoring, and Fisheries and Aquaculture Resource Management, D4Science, Donatella Castelli, ISTI-CNR (The Institute of Information Science & Technologies-National Research Council), IT.

Humanities - Digital Repositories and Grid Technologies, Mark Hedges, Arts & Humanities e-Support Centre, Centre for e-Research, King's College, London, UK.

12:00 – 12:30 Roundtable on User Findings & Recommendations.

12:30 -14:00 Networking Lunch

The Afternoon session explores a number of **horizontal issues** surrounding Digital Repositories.

14:00 – 15:30 User Case Studies - Implementations of Standards & Interoperability & Data Infrastructures: Challenges & Solutions. Chair: Silvana Muscella, OGF.eeig, UK.

gCube: A Framework for Controlled Sharing of Data, Services and Computing and Storage Resources- Pasquale Pagano, (ISTI-CNR), IT.

Data sharing policies: The International Polar Year Case, Hans Pfeiffenberger, Alfred Wegener Institut, DE.

Promoting Open Standards for Digital Repository Infrastructures: case study examples and challenges, Flavia Donno, EGEE, CERN, CH.

15:30 -15:45 Networking Coffee Break

15:45 – 17:00 Roundtable on findings & recommendations for common standards and interoperability. Chair: Flavia Donno, EGEE, CERN, CH

The outcomes of this interactive debate will feature in the OGF23 Report led by OGF-Europe.

17: 00 – 17:15 Conclusions & Wrap-up: David De Roure, University of Southampton, UK

OGF23 Report led by OGF-Europe

The presentations and outcomes of the interactive discussions will feature in the OGF23 report led by OGF-Europe. The report will detail user "state of the art" in the area of Digital Repositories, key stakeholders leveraging digital repositories in a grid environment, as well as requirements to be considered for future enhancements.