Workshops at OGF20

Registration is now open for OGF20 and the EGEE 2nd User Forum being held May 7-11 in Manchester, UK.
Register on-line by visiting http://www.ogf.org/OGF20/events_regstrtn_ogf20.php
The following workshops will form part of the programme.

Monday 7th May

- 2nd International Workshop on Campus and Community Grids: Continuing Interoperability
- Computational Steering on the Grid
- eArts and eHumanities - eScience technologies and methodologies in Arts and Humanities research
- OGC-OGF Collaboration Workshop

Tuesday 8th May

- Evolution of Grids Towards Service Oriented Knowledge Utilities (SOKUs)
- Dynamic Service Level Agreements

Wednesday 8th May

- Adoption of Grid Technologies in Astronomical Science

2nd International Workshop on Campus and Community Grids: Continuing Interoperability

This workshop will continue the run of Campus Grid workshops that was started at GGF-16 (Boston), where the workshop was hosted in collaboration with Harvard University. It will also bring the experiences of Community Grids, as reported in *Grid Initiatives: Lessons Learned and Recommendations*. Together, the participants will provide a balanced view of connectivity issues between local, regional, national and international grid endeavours. This will highlight issues both from the prospective of the campus that wishes to join a larger regional or national grid but also from the point of view of the national production grids, highlighting issues that affect dependant production systems whose integrity must be maintained and the quality of service defined.

Workshop leaders: Wolfgang Gentzsch, David Wallom and Laura McGinnis

Computational steering on the Grid

This workshop will consist of five to six talks from key practitioners and a panel discussion. Visualization is one of the key elements of steering and the event builds on two highly successful workshops on Grid-based visualization held at OGF19 and IEEE Visualization 2006. By sharing views and experiences between speakers and audience we aim to understand better how we can take this important tool forward.

Workshop leaders: Helen Wright, Stephen Pickles, Martin Turner

eArts and eHumanities - eScience technologies and methodologies in Arts and Humanities research

This workshop will bring together researchers who are exploring the use of e-Science technologies in the arts and humanities. It will comprise two sessions. The first will be a Birds of a Feather session - presenting the work of TextGrid in Germany, the Arts and Humanities e-Science Initiative in the UK, and related projects in the US. The second session will discuss how to cooperate better on emerging standards and tools for eHumanities and eArts.

Workshop leaders: Andreas Aschenbrenner, Stephen Beck, Tobias Blanke, Allison Clark, Stuart Dunn and Peter Gietz

OGC-OGF Collaboration Workshop

The goal of this workshop is to plan concrete collaboration between the Open Geospatial Consortium (OGC) and the Open Grid Forum (OGF) to identify and produce standard, grid-enabled geospatial information tools in the context of a service-oriented architecture. There will be presentations from key stakeholders and potential adopters followed by a panel session to get rough consensus on specific activities, such as harmonizing the OGC Reference Model with emerging web services. A Memorandum of Understanding between OGC and OGF will also be discussed.

Workshop leaders: Craig Lee and Chris Higgins

Evolution of Grids Towards Service Oriented Knowledge Utilities (SOKUs)

The trend to new distributed architectures that spawn within and across communities, companies and end-users is inevitable considering the past and current interest in Grids, SoA, P2P, Web 2.0 etc. The positioning of enterprise and scientific needs in alignment with standards development in OGF and international research projects is still challenging. The European Expert Group on Next Generation Grids coined the term SOKU – Service Oriented Knowledge Utility – to highlight the need of convergence between the different perspectives in an end-user perspective. This workshop brings together key stakeholders from enterprise, science, and standards development. The goal is to show-case the individual expectations, identify challenges, and give views on current and future directions.

Workshop leaders: Domenico Laforenza, Thierry Priol, Pierre Guisset and Ramin Yahyapour

Dynamic Service Level Agreements

Grid computing systems need to achieve levels of Quality of Service (QoS) necessary for enterprise applications in science and industry. A Service Level Agreement (SLA) specification provides a formal method for describing QoS requirements. In particular, experience with WS-Agreement has revealed a number of use cases where a more sophisticated process for negotiation is required to reach an SLA or to modify an SLA as requirements change, which has led to the idea of Dynamic SLAs. This workshop will bring together researchers and engineers whose organisations are actively addressing SLA concerns to share experiences and to describe their research in order to facilitate better understanding of Grid QoS issues and requirements.

Workshop leaders: Karim Djemame, Odej Kao, Wolfgang Ziegler, Omer Rana and Philipp Weider

Adoption of Grid Technologies in Astronomical Science

This workshop will bring together early adopters of Grid technology from astronomic science with those developing the key standards (e.g. in data, applications, security). It will build on the first IVOA/GGF joint workshop at GGF17. The participants will exchange experiences of the state of the art in scientific Grid Computing and discuss requirements of Grid middleware for future astronomic scenarios such as the integration of robotic telescopes. This workshop will critically assess how e-Science services in Astronomy are interfacing with, and deployed upon, distributed computing infrastructures on a number of scales, ranging from large scale grids such as TeraGrid, to smaller scale Campus Grids, and locally provided astronomy specific compute infrastructure. It will provide a unique opportunity for the astronomical community to demonstrate their research and development and to tighten their collaboration with OGF groups.

Workshop leaders: Harry Enke, Nicolas Walton, Reagan Moore, Erwin Laure

OGF20 will also feature:

- Keynote and Plenary presentations by leading grid luminaries
- Chartered Group Sessions including Standards Working Groups and BoFs
- Enterprise Track including Requirements, Best Practices and Adoption Sessions
- 'Grids Means Business' Industry Program showcasing business case studies
- Vendor Showcase and Exhibit Hall
- Demonstration and Poster Session Area
- Networking and Social Activities