

Proposal for the EGEE08 Topical Sessions

The EGEE08 Conference provides the perfect opportunity for disciplinary and activity task meetings. Along this line, we propose to organize the following sessions in the context of Topical Sessions track

#	Session Title	Proposed convener	Purpose and possible topics
1	High Energy Physics	HEP Application Cluster. Patricia Mendez	Provides opportunity for discussing the progress of the cluster work, the status of development activities, status of main HEP experiments supported and of HEP community in general. May include a specific LHC/LCG related component.
2	Drug discovery	Life Sciences Application Cluster. Vincent Breton	Provides opportunity for talks and discussion of issues and progress of the Drug Discovery activities of the cluster.
3	Bioinformatics	Life Sciences Application Cluster. Christophe Blanchet	Provides opportunity for talks and discussion of issues and progress of the Bioinformatics activities of the cluster.
4	Medical Imaging	Life Sciences Application Cluster. Johan Montagnat	Provides opportunity for talks and discussion of issues and progress of the Medical Imaging activities of the cluster.
5	Astronomy & Astrophysics	Astronomy & Astrophysics application cluster. Claudio Vuerli	Provides opportunity for talks and discussion on issues related to the cluster, the progress of work performed in the cluster. It also offers the opportunity of new applications to get in touch with the cluster activities and potentially join the grid.
6	Earth Sciences	Earth Sciences application cluster. Horst Schwichtenber	Provides opportunity for talks and discussion on issues related to the cluster, the progress of work performed in the cluster. It also offers the opportunity of new applications to get in touch with the cluster activities and potentially join the grid.

7	Fusion	Fusion application cluster. Paco Castejon	Provides opportunity for talks and discussion on issues related to the cluster, the progress of work performed in the cluster and the status of related projects (ITER)
8	Computational Chemistry	Computational Chemistry application cluster. Mariusz Sterzel	Provides opportunity for talks and discussion on issues related to the cluster, the progress of work performed in the cluster. It also offers the opportunity of new applications to get in touch with the cluster activities and potentially join the grid.
9	Grid Observatory	Grid Observatory application cluster. Cecile Germain	Provides opportunity for presentations and discussion on issues related to the cluster, the progress of work performed in the cluster.
10	Application Porting, Regional and User Support	NA4, Gergely Szipos	<p>Application gridification within EGEE and grids in general (frameworks, tools, problems, standards etc).</p> <p>Quality and level of support offered to the end users and exchange opinions about issues like documentation, ticket handling, etc.</p> <p>Issues encountered in various regions and will give opportunity for a consensus approach of overcoming common problems (language barrier, disparity of disciplines and applications etc).</p>
11	Grid Security	Christoph Witzig	Focus on various aspects of Grid Security including but not limited to: Authorization and Authentication frameworks, Audit, shibboleth, data encryption and integrity.
12	HPC and Parallelism	MPI WG	HPC and Parallel programming in the grid. MPI, HPC applications in EGEE. Multicore/GPU issues. Supercomputing on the grid.
13	Glite roadmap	SA3	Includes talks about the present and future of gLite, focus on particular services and standardisation & interoperability. Glue2?
14	Pilot Jobs, job prioritisation and	Simone Campana	Pilot Job Frameworks, short deadline jobs,

	scheduling		<p>job priorities, application agents.</p> <p><i>This session could profitably be combined with '15' (below) as there is much overlap.</i></p>
15	User Interaction and workflow, workload management	NA4/Portal WG, Francesco Giacomini	<p>Portal standardization, portal security, frameworks, APIs etc</p> <p>Tools used by EGEE Applications for orchestrating grid activities. These include Moteur, Taverna, Kepler, P-Grade, gLite WMS, Ganga, Diane, CRAB, Gridway</p>
16	Data Management and DB access	Giuliano Taffoni, Flavia Donno	Focuses on Data access issues, data base integration, data protocols interoperability etc.
17	New paradigms	Tba, suggestions welcome	Cloud computing, Virtualisation, Volunteer computing, Utility computing, P2P, botnets. Grid interfaces to commercial offerings
18	VO Management	VO Deployment WG and the NA4 VO Management task force. Frederic Schaer	Open VO management issues, upcoming tools, VO Management wish lists and interests
19	Grid Site Administration, LRMS	Alessandra Forti	Session dedicated to grid site administration, tools, fabric management and batch system issues. Platform/LSF? Scalable and redundant deployment.

Candidate conveners for the above are the respective cluster leaders, activity managers, task leaders and deputies. Considering that there will be 1:30 hour allocated for each session this gives a space for 3-5 talks. Round table discussions and panels are also encouraged, especially for the sessions with cross-activity interest. All talks will be invited by the session chairs thus there is no reason to issue a call for abstracts.