Theme: Developing an open and sustainable EGI ecosystem to support open science in the digital European Research Area

1 - Operational services – Track Leader: Tiziana Ferrari

This track covers the operational services used by EGI to deliver a federated infrastructure composed of national resource providers. Examples of topics relevant in this area are:

* experience of platform operators with the large-scale management and monitoring of services
* development of the services and tools needed to undertake distributed operations
* resource provisioning models and workflows for the deployment of functional services to resource centres
* operations sustainability and business models
* challenges of infrastructure operation when supporting multiple software platforms and/or combined HTC and HPC services
* recent advancements of accounting services
* requirements for the enhancement of user-facing operational services

2 – Physical Infrastructure services – Track Leader: Peter Solagna

This track brings together the work of technology providers and platform integrators to provide generic infrastructure services that can be integrated into virtual research environments upon which research communities depend. Example topics relevant in this area are:

* the various infrastructure services in use across Europe and beyond such as ARC, dCache, gLite and UNICORE - being developed and integrated by the EMI project - as well as Globus, SAGA and others,
* sustainable business models for the delivery of technology.

3 – Virtualised Resources: challenges and opportunities – Track Leader: Michel Drescher

This track focuses on the work of technology providers, platform integrators and platform operators of the grand challenges that relate to the integration of virtualized resource into the operational infrastructure to establish the emerging European digital research landscape. Examples of topics relevant in this area are:

* the services used to access virtualized resources
* virtualised management environments
* the impact of virtualization on the operations model and costs
* the integration of these services into the operational infrastructure.

4 – Virtual Research Environments – Track Leader: Gergely Sipos

As the digital research landscape broadens, so more research communities are seeking to establish their own virtual research environments on their own resources and operating their own customized services through the work of platform integrators and platform operators. Examples of topics relevant in this area are:

* experiences and results from research communities from the use of virtual research environments
* integrated and customized portals, scientific gateways and workflow management environments
* development and operation of online software applications and services
* experiences in operating virtual research environments for research communities
* business models for the sustainable integration and operation of virtual research environments.

5 - Coordination and Communication – Track Leader: Sergio Andreozzi

This track will focus on reaching out to communities and partners across the ecosystem. Examples of topics relevant in this area are:

* submissions relating to governance, policy and planning, marketing, dissemination and outreach activities
* sustainability and business models for infrastructure services
* marketing strategies for reaching key stakeholders
* development of governance models for e-Infrastructures and alignment with EU and national strategic policies.