Fusion Session: Envisaged Fusion Activities within EGEE - III

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Session Contents: Fusion Workplan

- **Three main lines of activity:**
  - Application Porting (Leadership CIEMAT).
  - Data Management (Leadership Kurchatov).
  - Workflows (Leadership CEA). Unfunded under EGEE, Funded by EUFORIA Project.

- **Long time for discussion on these three lines is alocated in this session.**
- **We need to reach a consensus on what to do.**

Session Contents

- 14:05 – 14:30 Application porting.

Francisco Castejón (15 min. Talk + 10 min. discussion)

- 14:30 – 15:00 Data Management.

Nikolay Marusov (15 min. Talk + 15 min. discussion)

- 15:00 – 15:30 Workflows.

Pierrick Micout (15 min. Talk + 15 min. discussion)

EUFORIA: EU fusion for ITER Applicatio

- Described in detail in Pierrick Micout's talk.
- Provide a work & infrastructure frame for fusio simulation, linking fusion, grid and supercompu communities.
- Improve the modelization capacities for ITER through the adaptation, optimization, and integration of a set of applications that can explain and join the core-edge transport.
- Bridge among fusion, HPC, and grid communiti

- ISSUE: Relation between EGEE an EUFORIA

EUFORIA: EU fusion for ITER Applicatio

Joint Research Activities:

- **JRA1: Adaptation of codes and tools for Grid infrastructure**
- *JRA2: Adaptation of codes and tools for HPC infrastructure*
- **JRA3: Physics integration/Workflows orchestrat tools**
- *JRA4: Visualization*

Service activities/Infrastructure deployment and Opera

- **SA1: Grid Infrastructure**
- *SA2: HPC infrastructure*
- *SA3: User Support for HPC and* **Grid activities**

Networking activities:

- **NA1: Management**
- **NA2: User Document and Training**
- **NA3: Dissemination**

EUFORIA: EU fusion for ITER Applicatio

- **Special attention to**
  - **Grid applications (JRA1): Which application gridified under which project (not to be paid twice for the same work).**
  - **SA1: The role of EUFORIA test bed.**
  - **JRA3: the use of Kepler as workflow engine EUFORIA and EGEE.**