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Enabling Grids for E-sciencE

EGEE – applications and training

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EGEE conference, Pisa

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Information Society

www.eu-egee.org

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- **Many parallel NA4 sessions**
  - Plenary till Tuesday noon
  - Industry forum
  - NA2-NA3-NA4-NA5-SA1 session Tuesday afternoon
  - Demo session on Wednesday
  - NA4 biomed and EGAAP Thursday
  - Plenary Friday

- **Fewer joint sessions and less interaction with the other activities than in the preceeding conferences**
  - NA4-JRA1 technical meeting on short jobs
  - « permanent » NA4-JRA1-JRA3 meeting on data management till Wednesday

- **Very informative session**
  - 3 external projects are application projects (Diligent, Bioinfogrid, Health-e-Child)
  - However, many infrastructure projects wish to share applications with NA4

- **EGEE talks at the end**
  - To inform the projects of the people to whom they will need to speak
  - To give answers to the frequently asked questions
  - Recommend talk (C. Loomis) on edms : https://edms.cern.ch/document/676633/1

- **Last EC call shall bring new external projects**
  - But they will start together with EGEE-II

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- **Very successful session**
  - \> 16 demos from JRA1,JRA4, NA3 and NA4
    - NA4 Biomed: GPS@, Pharmacokinetics, Simri@web, SRM Dicom and Metadata, WISDOM, GROCK
    - NA4 HEP:experience on data analysis, user activity on the EGEE grid
    - NA4 Generic: GILDA application demos, P-Grade portal, Charon, EGRID, Earth Sciences
    - EGEE digital library (NA3)
    - BAR (JRA4), NPM (JRA4),
    - ProActive gLite bridge (JRA1)
  - A lot of visitors despite parallel sessions (SA1, PMB, CB, ...)

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- **Lessons learnt**
  - Usage of booths allows much more interactivity with audience
  - Need to have a common template for all the demos (poster, leaflet)

- **Perspectives**
  - Demos for EC review in December
  - Demos for User Forum

- **Three sessions**
  - Plenary (Tuesday afternoon)
  - Parallel session (Tuesday afternoon)
  - Steering committee meeting (Wednesday morning)
- **Very lively discussions**
  - All participating software vendors include grid technologies in their strategy
  - All presented use cases (bank and stock exchange, crash-test simulation for car design,...)
  - They insisted on the difficulty to convince their customers. Key concerns expressed:
    - Security
    - Licensing
    - Software maturity – legacy
    - Standards
  - Grid technologies not universal, complementary to existing solutions
- **Willingness to continue to participate actively to the EGEE IF**

Credit: JF Musso, CS

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- **Presentation of 2 new disciplines**
  - Fusion (EU, France, Italy, Korea, Spain, Russia)
  - Archeology (Univ. Florence, INFN)
- **Presentation of one new biomed application**
  - Glucosyltransferase (Chonnam National University, Korea)
- **Presentation of several external european projects**
  - Application project: BioinfoGrid (Biomed)
  - Infrastructure projects: EELA (HEP, Biomed, e-Learning, ESR), EUChinaGrid, EUmedGrid
  - Common interest to share applications with EGEE
    - But different perspectives on their relationship with EGEE
- **Issue to discuss with SA1:**
  - Integration of external projects: what VO strategy ?

- **EGAAP in EGEE**
  - EGAAP label is appreciated by external applications
  - Effective involvement of EGEE members but lack of involvment of external members
  - Half a day to short to have a status of supported applications and a presentation of new applications
- **EGAAP much more limited in EGEE-II**
  - applications should start at a local level
  - Invitation to new applications getting EGEE support only once a year ?
- **Evolution foreseen**
  - EGAAP panel involving selected EGEE members
  - Integration of the EGAAP session in the user forum, including status report of supported applications

- **High-level NA4/SA1 contact is OAG.**

- **Bringing new VOs to the grid (through MoU process):**
  - First finalized MoUs arriving now.
  - Dialog effective in refining application:
    - Resource requirements
    - Functional requirements
  - Mapping these to the LCG/EGEE production service.

- **Functional/configuration issues:**
  - MPI:
    - Basic functionality works...
    - Need easier use, more effective scheduling.
  - Short deadline jobs.
  - ...

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- **Dates: March 1-3 2006**
- **Location: CERN, Switzerland**
- **Target attendance: 150 participants**
- **Goals**
  - Get a consistent understanding across the EGEE related projects of expectation, present status and possible evolution
  - Promote cross-application fertilisation
  - Prepare EGEE-II
- **Participation open to external projects and EGEE members**
- **Format: 3-day workshop**
  - Presentations by thematic areas selected by invitation and through a call for contributions
  - EGEE presentations (integration of new applications, access to resources, status of middleware,...)
  - With a lot of time for discussion
- **Contact: Massimo.Lamanna@cern.ch**

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- **Success of User Forum requires involvment of other project activities**
  - User Forum is an opportunity for EGEE users to ask questions to middleware, operation and training experts
  - NA4 counts on other activities (JRA1, SA1, NA3,...) to send teams of experts to participate to the event
  - Format for interaction with users will be discussed in the coming weeks

- **Call for application talks soon to be announced**
  - If you have an application you wish to show, be ready to respond

- **User Forum will be the opportunity to collect data for the second EGEE User Survey**

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- **NA4 requested to focus only on the reviewer recommendations of first review report**
  - Have all current applications migrated to gLIte with a very good user satisfaction
    - migration of several existing applications to gLite is achieved
  - Based on the experience of previous FP5 projects, capture full requirements of future user groups, assess needs for new grid services and plan accordingly for later implementation
    - Requirements database on Savannah include hundreds of requirements
  - Clarify the true motivation of users from new application areas right from the beginning
    - 5 MoU's are ready to be approved by PEB. A lot of experience has been acquired in the process.
- **Selection of demos**
  - To highlight new gLite features
  - To Illustrate application deployment on the infrastructure

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- **NA4 in EGEE-II involves 42 partners**
  - Contacts established with new NA4 partners in EGEE-II
  - Reminder for all NA4 EGEE-II partners: send to Cal Loomis your contribution to NA4 programme of work by November 7th

- **User forum will be the opportunity to clarify partner involvment**

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- **EGEE conferences are important**
  - Dialog with external projects
  - Successfull demo session, Industry Forum and EGAAP meetings
  - Useful inter-application and inter-activity discussions
  - Congratulation to the organizers !!!

- **Important breakthrough: Medical Data Management demo**
  - Need to pursue this inter-activity effort (JRA1, NA4 HEP and Biomed) till the end of the project
  - Data management is key to the adoption of gLite and the usage of EGEE by scientific communities beyond HEP

- **See you at EGEE first User Forum (March 1-3 2006)**