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Enabling Grids for E-sciencE

NA3 CE Meeting

Austria,

Czech Republic,

Hungary,

Poland,

Slovakia

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- **Welcome (Norbert Podhorszki)**
- **Short report from partners**
- **Introduction to VOCE**
- **Introduction to P-GRADE Portal**
- **P-GRADE Portal – VOCE t-infrastructure**
  - Discussion on the connection of the portal and voce
  - Next training course in Czech Republic
  - Strategy of the t-infrastructure in the future (in CE, in EGEE and generally)
- **Introduction to CHARON**
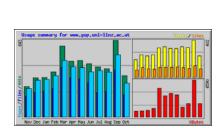- **Discussion on future CE activities in NA3**

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Austria

- *GUP Linz*

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- **Induction Courses**
  - University Linz (20)
  - University Reading (15)

- **Application Developer Courses**
  - University Linz (10+20)
  - Glite Tutorial @ CoreGrid

- **Presentations on 5 External Events**

- **Average 440 Hits / 320 Visits on localized Website**

- **To Come:**
  - AustrianGrid Symposium

- **JKU == GUP + RISC**
  - same people (GUP)
  - additional people (RISC)
- **Continuation of EGEE-I Training Efforts for Austria**
  - Dissemination
  - Inductory Courses
  - Application Developer Courses
- **New target audience and training expertise of "Biomed-Community" through RISC**
- **Close cooperation with AustrianGrid Partner UIBK**

- **Institute of Graphics and Parallel Processing**
- **Research Institute for Symbolic Computing..**
  - *Symbolic computation, parallel and distributed algorithms and software systems*
  - *Grid variant of a medical software system*

..of the Johannes Kepler University, Linz (Austria)

- *Expertise in academic teaching*
- *Outreach to the right clientele*

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Hungary

- *MTA SZTAKI*
- *BUTE*
- *NIIF*

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- **Full day tutorials**
  - University of Szeged, Dec. 2004
  - University of Veszprém, Apr. 2005
  - University of Kaposvár, May 2005

- **Half-day tutorials**
  - University of Debrecen, Aug. 2005

- **Tutorials at conferences**
  - Induction to grid computing at EuroPVM/MPI and DAPSYS conference, Budapest, Sept., 2004
  - SEE-GRID tutorial in Istambul, Dec. 2004
  - Short tutorial on the usage of HunGrid VO at Networkshop, Szeged, March 2005

- **Regional EGEE Summer School in Budapest, 11-16 July**
  - http://www.egee.hu/grid05
  - Induction Course mainly, but includes an Application Developer Training Course, and Advanced Course on gLite
  - target audience:
    - Researchers mostly from CE and SE partner countries, SEE-GRID project members but also from anywhere.
    - Scientific researchers from Chemistry, Biology, Physics and others.

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- **"Grid Computing" classes**
  - University of Miskolc
  - Eötvös Loránd University of Budapest

  - Grid concepts and „first solutions": Condor, Globus
  - LCG-2 architecture
  - P-GRADE portal for development of parallel applications and workflows for LCG-2.
  - Infrastructures for training: ClusterGrid (Miskolc), HunGrid VO (Budapest)

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VOCE and P-GRADE Portal

- *CESNET*
- *MTA SZTAKI*

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- **Requirements for more user and application development training courses than we can deliver**
- **Lack of t-infrastructures**
- **The (Genius, GILDA) training and application support service in NA3 and NA4 is a bottleneck**
- **Our objective in the CE region is to reduce this bottleneck of EGEE by introducing the (P-GRADE, VOCE) t-infrastructure**
  - first in the CE region
  - and then generally for the whole EGEE community
- **The first good experience: EGEE Grid Summer School, Budapest, July 2005**
  - Large success of training VOCE and P-GRADE (at that time without connecting them)
  - Many students from the SEE-Grid region sponsored by UNESCO

CHARON

- *CESNET*

Future CE activities

- *Discussion*

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- **Events**
    - We have created the CE web page: www.egee.ce
    - Training events were collected at that time
    - But it is not updated with new events of the partners
    - Once created but not updated information pages are meaningless.
    - So we need to agree in some simple form of contact.

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- **Original idea**
  - Collect expertise from partners on the web page so that invitations for training courses could be done.

- **A better idea now**
  - Each CE partner should be responsible for certain types of training courses
    - Induction course (SZTAKI, ... all partners?)
    - Middleware courses for administrators
      - *LCG-2*
      - *gLite*
    - Middleware courses for middleware developers
    - Application development course (SZTAKI, ...)
    - Grid User course

- **Goals described in EGEE**
  - include Grid technology in academic lectures and MSc/PhD theses at the technical universities of Cracow, Brno, Budapest, Innsbruck, Linz, Poznan and others;
  - organise dedicated Grid seminars for researchers at every participating institution;
  - prepare tutorials on layered software oriented towards interactive applications and organise dedicated training workshops for students and potential users;
  - develop one or more dedicated training centre(s) in one or two partner countries, serving the whole community;
  - prepare dissemination brochures on applications which are relevant to the Federation (e.g. "Grids for flood crisis response");
  - organise in every country of the Federation "Grid open days" (including demonstrations), oriented to attract and induct new users;
  - develop and support dedicated web pages.