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Subject:

Recommendations of the **EGEE** Generic Applications Advisory Panel,

subsequent to its first meeting on June 14, 2004.

Author(s): **Guy Wormser, EGAAP Chair** 

Distribution Proponents, EGAAP members, EGEE Project Execution Board

Four applications have been formally submitted for consideration to the first **EGAAP** meeting, held June 14 at CERN, namely:

- Astrophysics (MAGIC), Harald Kornmayer
- Computational Chemistry, Antonio Lagana
- · Earth Sciences, Monique Petitdidier
- SIMDAT, Clemens-August Thole

An expression of interest from the PLANCK community (F. Pasian) to submit a proposal at our next session has been also received and welcomed but not discussed any further.

All the proponents submitted written documentation in advance as well as detailed answers to the NA4 questionnaire. These documents as well as their presentation and the other introductory presentations to EGEE are available at:

http://agenda.cern.ch/fullAgenda.php?ida=a042351

The following recommendations were made after the closed session and exposed orally to the proponents in an informal close-out session.

#### 1) General recommendation

EGAAP very strongly recommends to formalize the agreement between <a href="EGEE/NA4">EGEE/NA4</a> and the various accepted communities with a brief "Memorandum of Understanding" who will stipulate, in one or two pages max, the reciprocal commitments of the two parties. Such a document will contain:

### 1.1) For the incoming community:

- The name of the project leader
- The names of the technical contacts
- The precise scope and objective of the community (feasibility proof, scientific paper production, etc..)
- A detailed implementation plan including milestones



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- The training needs and training plan
- Details about the proposed sites and hardware to be included in the infrastructure and associated names
- The acceptance of all **EGEE** policies
- The detailed list of special requirements (licensed code, compilers, etc..)

## 1.2 /On the EGEE/NA4 side:

- -the level of commitment (how many persons, for how many months
- -the names of the persons attached to this project
- -the scope of the NA4 effort (ie create the VO, deploy F90 on so many sites,etc..)

The goal for this first round is to have these miniMoU in place before end of July.



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## 2) Specific recommendations

#### 2.1) Earth Science

The committee recommends very warmly this proposal for acceptation. It recognizes the very important integrating effort made by this community and the high scientific value attached to its objectives. The committee recommends a phased approach for implementation whereby the focus should be put in two out the several proposed applications:

-Earth Observation

#### -Geocluster

The detailed planning and personnel identification should start asap. Two FTE from NA4 manpower should be attached to this project, which, given the large previous experience of the community, is bound to succeed.

The work on the other applications (Climate, Solid Earth, Visualisation,...) should not be stopped but the intense collaboration with EGEE will not start before a few months.

The committee expects a progress report on the selected applications in November.

#### 2.2) Computational chemistry

The committee recommends very warmly this proposal for acceptation. It recognizes the very important integrating effort made by this community and the high scientific value attached to its objectives. The committee recommends a phased approach for implementation whereby the focus should be put in one out the several proposed applications, to be left to the choice of the community.

The detailed planning and personnel identification should start asap. Two FTE from NA4 manpower should be attached to this project, which will illustrate very well how a new community can be integrated in EGEE.

The work on the other applications should not be stopped but the intense collaboration with **EGEE** will not start before a few monthes.

The committee expects a progress report on the selected application in November.

#### 2.3) MAGIC

The committee recommends very warmly this proposal for acceptation. It recognizes the high scientific value attached to its objectives. The committee recommends a phased approach for implementation whereby the focus should be put on the MonteCarlo simulation production by deployment of CORSYKA program on the Grid.

The detailed planning and personnel identification should start asap. One FTE from NA4 manpower should be attached to this project, which, given the relatively simple initial goal, is bound to succeed.



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The work on the deployment of the analysis and data storage grid infrastructure but the intense collaboration with **EGEE** will not start before a few months. The committee hopes that this work can in any case progress in parallel thru the partnership very experienced centers in contact with the MAGIC collaboration such as **PIC** Barcelona, **FZK** Karslruhe or **CNAF** Bologna.

The committee expects a progress report on the selected application in November.

### 2.4) SIMDAT

The committee recommends that collaboration at several levels including middleware, top management, etc are actively pursued between EGEE and SIMDAT, given the very interesting characteristics of SIMDAT which includes high level industrial participation. The committee hopes that many SIMDAT industrial partners will join the EGEE Industry Forum, to facilitate the information flow. On the application side, the committee recommends common work on requirements and on the selection of one SIMDAT application that could be deployed for evaluation on the EGEE infrastructure. No dedicated generic NA4 management team.

The committee expects a status report on the various contacts with **SIMDAT** in November.