

ICEAGE



# International Collaboration to Extend and Advance Grid Education

## Introduction to ICEAGE

*Erwin Laure using slides presented by*

*Malcolm Atkinson & David Fergusson at the  
4<sup>th</sup> EGEE conference, Pisa, Italy, 25<sup>th</sup> October 2005*





# Mission & Goals

- **Mission**

*Stimulate and support advances in grid education throughout Europe*

- **Goals**

- Achieve rapid growth in effective advanced grid education
- Make best use of worldwide capacity for advanced grid education
- Deliver a stimulating programme of educational events
  - Including international summer schools
- Broaden engagement in an advanced grid education
  - both geographically and across disciplines



# Vive la Difference

- **Training**
  - Targeted
  - Immediate goals linked to demand
  - Specific skills
  - Building a workforce
  
- **Education**
  - Pervasive
  - Long term and sustained
  - Generic conceptual models
  - Developing a culture



## Partners

- **Edinburgh – National e-Science Centre**
- **Universita' degli Studi di Catania**
- **SPACI**
  - Southern Partnership for Advanced Computational Infrastructures
- **CERN**
- **Kungliga Tekniska Högskolan, Stockholm**
- **SZTAKI – Budapest**
  - Magyar Tudományos Akadémia Számítástechnikai és Automatizálási Kutató Intézet



# Activities

- **Forum**
  - Edinburgh
  - International panel of experts to develop curricula, policies & strategies
- **Support, Outreach, Induction & Training services**
  - Edinburgh
  - Attracting & Training the Trainers
  - Persuading Universities to adopt Grid Computing Curricula
  - E-Learning, repository & course scheduling & announcement
- **Summer Schools**
  - KTH
- **T-Infrastructure**
  - Catania



# Timelines & Funding

- **March 1<sup>st</sup> 2006 to February 28<sup>th</sup> 2008**
- **Total of 203 PMs**
  - CERN has 20 PMs
- **Total funding of 1.200.000 Euro**
  - In addition, 118.000 Euro unfunded contributions
  - CERN has 195.000 Euro, no unfunded contributions



# CERNs Involvement

- **CERN committed 20 PMs**
  - 1 fellow to be hired as of May 1<sup>st</sup> (maybe only June 1<sup>st</sup>)
    - Part of EGE group, supervised by Erwin Laure
  - Tasks as specified in the TA:
    - Contribute to the ICEAGE Forum and potentially host one meeting (1PM)
      - *Francois Flueckiger and Erwin Laure are forum members*
    - Training the educators (2PM)
      - *By providing material and participate to events*
    - Support training events (11PM)
      - *International Summer School on Grid computing and similar events*
        - Provide material and hold courses
    - Project management (1PM)
      - *Project reporting*
    - Help with fund raising
      - *Exploit EGEE and openlab links?*



# CERN Synergies

- **Substantial overlap with the Grid track of CSC**
  - Use ICEAGE results, in particular training material, exercises etc. at CSC
  - ICEAGE personnel will help at CSC
- **CERN is not officially involved in EGEE training activity (NA3)**
  - ICEAGE will provide more direct links
- **ICEAGE could help with training in other SSAs**
  - Like ETICS, ISSeG





- **Letter of Support**
  - 49
  - From 22 Countries
- **Agreed to be Members of the Forum**
  - 51 Founder Members
  - 21 Countries
- **Summer Schools**
  - ISSGC'06      Italy
  - ISSGC'07      Scandinavia
  - ISSGC'08      Hungary