egee

Enabling Grids for E-sciencE

Introduction to Demonstrations

Marc-Elian Bégin

Technical Coordination and Dissemination

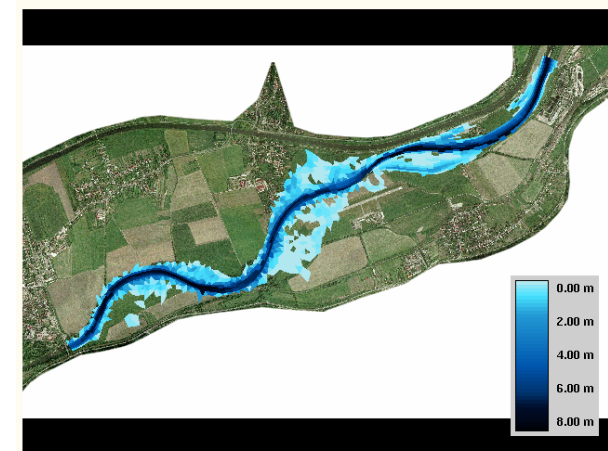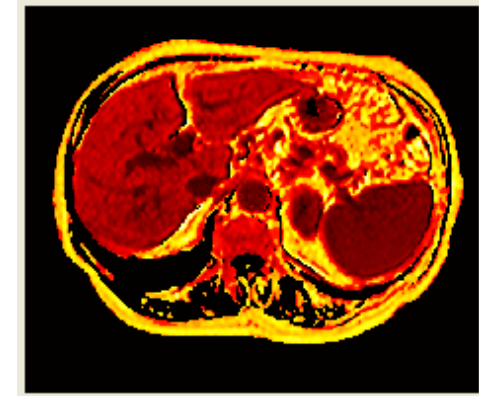*CERN*

- **Pharmacokinetics**
  - **Analysing the Nature of Tumours**
  - Ignacio Blanquer
  - Technical University of Valencia (UPV)

- **Flood application**
  - **Simulation of Flooding**
  - Ladislav Hluchy and Viet Tran
  - Slovak Academy of Sciences (IISAS)

- **Background**
  - **Pharmacokinetics**
    - Close development with medical doctors
    - Shows relevance of the Grid in clinical domain
    - Uses new EGEE middleware data management features
  - **Flood Application**
    - Comes from CrossGrid project
    - Ported to EGEE middleware in less than 2 weeks
    - Demonstrate complex workflow on the Grid
- **Setup**
  - Live usage of the Grid
  - All applications integrated with EGEE middleware
  - Demonstrated today on GILDA
  - Also running on
    - Pre-Production Service
    - Production Service

- **They are ready to follow the evolution of the EGEE middleware to production**

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Show Time!!