



Enabling Grids for E-scienceE

Introduction to Demonstrations

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Technical Coordination and Dissemination

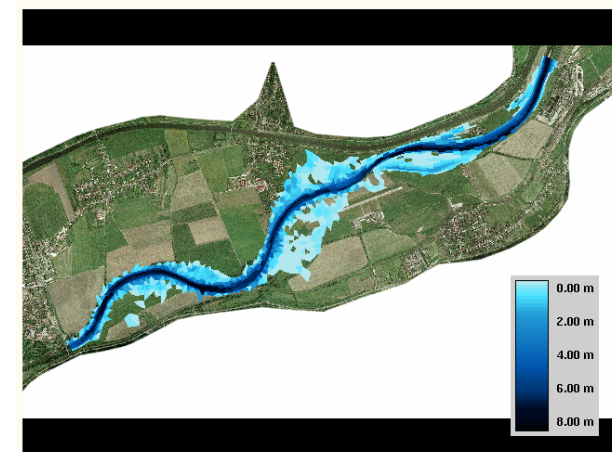
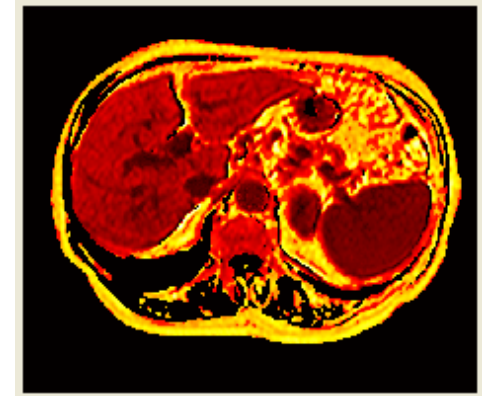
CERN

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- **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**

Show Time!!