

Storage and Data Services Issues & Recommendations (1)

- Research community in Europe would benefit from having a shared approach to the DATA Explosion Challenge
- European data grid infrastructure should be generic and able to handle different types of data of various applications
- There is a need for both centralized and distributed/P2P data storage, depending on the data acquisition and processing model (e.g. LHC vs life sciences)
- There is need for establishment of pan-European data availability, reliability, provenance and trust
- We recommend therefore the establishment of a distributed shared network of European Data Curation centres
- Data storage should be regarded as a first class (European) citizen; up to now it has been regarded as just a bride maid

- We recommend to look at P2P and Google technologies to be applied in research for data management purposes
- We recommend to coordinate the data management software development efforts across Europe
- We recommend European guidelines for:
 - e-infrastructures
 - data classification
 - storage site classification
 - vendor compliance
 - reliability, confidentiality, availability, integrity, accessibility and performance
 - certification and auditing
- Dear session members: have I missed anything of importance?