

ALICE-US, NSF-Nuclear, State of Ohio, University of Huston

- ◆ Plans for Tier1's and 2's
 - Hardware
 - ◆ Tier-1 existing OSC Linux computing farm.
 - ◆ Tier-2 existing and expanding "Cluster Ohio" regional computing facilities.
 - ◆ LBL-NERSC, and others as they join ALICE.
 - ◆ Planned expansion of an existing facility to support Tier-1 computing for ALICE in a few years.
 - Personnel (support & development for LCG activities)
 - ◆ Existing staff, NSF-ITR proposal for 2 postdocs for 2 years.
 - Software
 - ◆ Globus and related Grid software.
 - ◆ AliEn.
 - ◆ Alice software framework, AliRoot.
 - Development of the FLUKA geometry and input format
 - Development of the FLUKA output options (ROOT trees)
 - Collaboration in the integration of FLUKA into AliRoot
 - Collaboration in the extension of FLUKA for heavy ion transport and interaction



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- ◆ Plans for Tier1's and 2's, continue
 - Software- continue
 - ◆ Others, in support of Ohio State Computing.
 - Silver
 - Maui
 - PBS
 - Network
 - ◆ OC-12 through 10Mbit Ethernet.
- ◆ Certification authority status & plans
 - Presently Globus.
 - Will add CERN.
 - Will develop OSC authority in support of Cluster Ohio.
- ◆ Plan for GRID deployments
 - OSC plans to continue extending Cluster Ohio to more and more sights in the state. Requests still exceed supply.
 - As more US institutions join ALICE, additional Tier-3 and possibly Tier-2 sights will be added.



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- ◆ Plan for GRID deployments - continue
 - Negotiating with iVDGL/GriPhyN and PPDG to share test-bet facilities.
 - Continued involvement with Grid-interoperability tests along with our European ALICE colleagues.
 - Continued tests with ALICE Grid developments, specifically AliEn, and ROOT/PROOF
- ◆ Involvement in different GRID MW projects
 - Local
 - ◆ Continued development of Cluster Ohio.
 - National and international
 - ◆ Negotiating collaboration with iVDGL/GriPhyN and PPDG in progress.
 - ◆ Through ALICE collaboration, involved in Data Grid, Data Tag, and many European national Grid projects.

