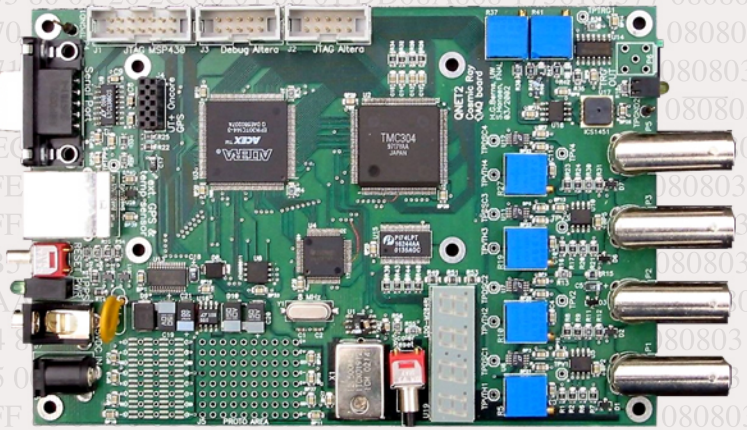

Grid Techniques in Education

Preparing students for the Grid-Enhanced World of the Future

Enhancing Student Investigations and Collaboration with Grid Virtual Data Techniques

Informing Grid Computer Science Research through Education Applications

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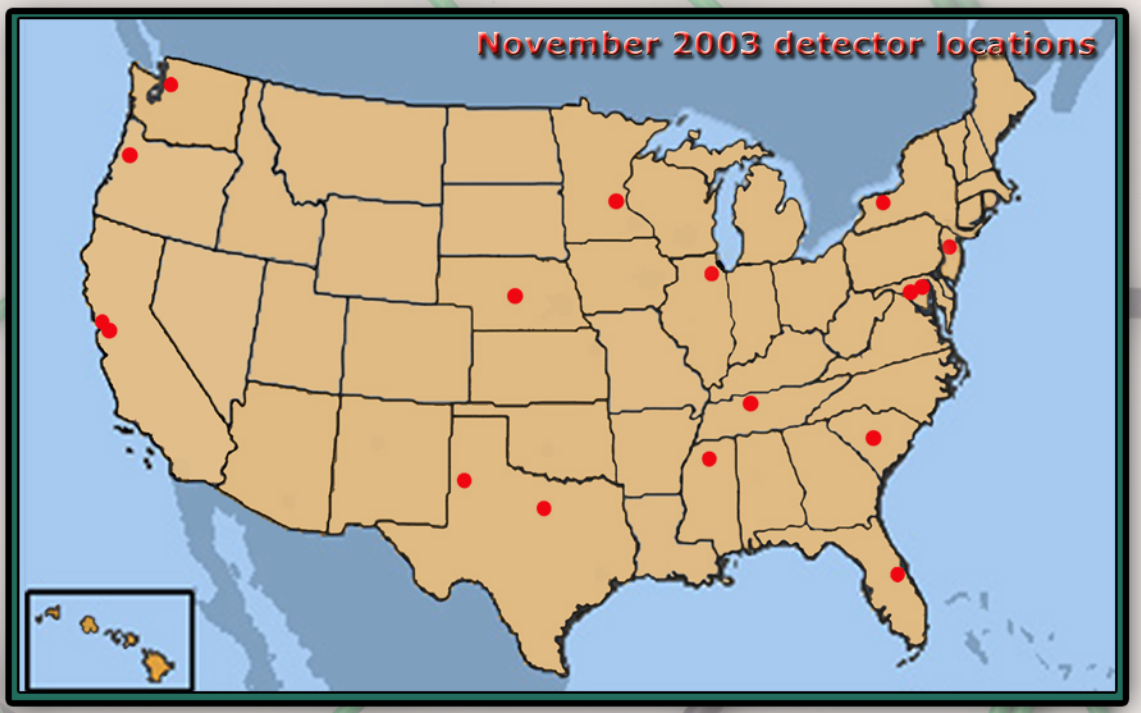
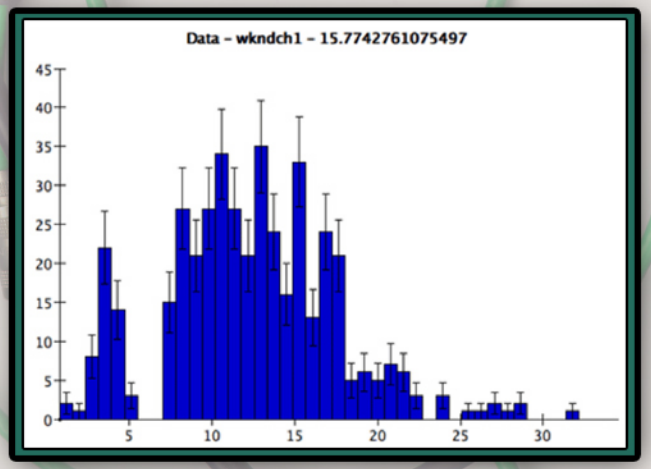
Transforming Science Education

Researching the potential of the Grid

Case Study: Cosmic Rays in the Classroom

High school students can investigate data from a US detector array using grid techniques for data storage & analysis and post results for feedback from peers.





Scientists, teachers and students working together to answer questions about our universe.

Investigate cosmic ray phenomena:

- *Muon lifetime*
- *Diurnal changes in flux*
- *Effects of shielding*
- *High-energy showers*
- *Altitude effects*

For more information contact quarknet@fnal.gov or visit quarknet.fnal.gov/grid