Revised 9/22/09

DOE Site Visit

Tour of Bldg. 366

3:00 p.m.-5:00 p.m.

NO OPEN TOE SHOES

Displays

1. Demonstration of Gluing Machine
2. Tile Calorimeter Low Voltage Power Supplies Maintenance & Repair
3. The Pad- and Front-end board gluing fixture
4. The glass spraying booth
5. RPC construction
6. The Vertical Slice Test with Cosmic Rays
7. Superconducting cavity
8. Mechanical Assembly techniques of LAPD

Poster Sessions

ATLAS

1. ATLAS Trigger and Data Acquisition (Bob Blair)
2. Improved Access to the ATLAS Event Store Using TAGS Metadata Services (Jack Cranshaw)
3. The Event Data Store and I/O Framework for the ATLAS Experiment at the Large Hadron Collider (Peter van Gemmeren)
4. ATLAS Analysis Support Center and a Computer Farm for ATLAS Tier 3 (Sergei Chekanov)
5. ATLAS Jet Calibration (Belen Salvachua Ferrando)
6. A General Search for New Particles at the LHC (Sergei Chekanov)
7. The Search for Extra Dimensions in the ATLAS Detector at the LHC (Esteban Fullana Torregrosa)
8. Low Voltage Power Supplies for ATLAS TileCAL Front End Electronics (Patrick DeLurgio)
9. ATLAS Upgrade R&D (Larry Price)

Neutrinos

1. NOvA Analysis Plans (Sarah Budd)
2. Finding theta-13 with MINOS (Xiaobo Huang)

Accelerator R&D

1. Positron Source Study at ANL (Wanming Liu)
2. Metamaterial, Paramagnetic Media for Accelerator Applications (Sergey Antipov)
3. Wakefield Study of an X-band PBG Accelerating Structure (Chunguang Jing)
4. Development of Dielectric-Based Wakefield Power Extractors (Chunguang Jing)
5. Progress Toward High Gradient External-Powered DLA Structures (Chunguang Jing)
6. Emittance Exchange Experiment (Marwan Rihaoui)
7. Argonne Wakefield Accelerator (Zikri Yusof)
8. Expansion Plan for the AWA (Scott Doran)

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Astrophysics

1. Supernova and Dark Energy (Joe Bernstein)
2. Dark Matter with VERITAS (Andy Smith)
3. Transition Edge Sensor (Aaron Datesman)
4. Mechanical R&D for Dark Energy Survey (Stephen Kuhlmann)
5. DC & SC Telescope Designs (Vic Guarino)

Detector R&D

1. The Digital Hadron Calorimeter
2. Electronics and Transmission Line Readout (Eric Oberla)
3. Functionalized ALD for emissive materials (Qing Peng)
4. Simulations of MCPs (Zeke Insepov)
5. Self Assembled Anodic Alumin Oxide (Hao Wang)
6. Nanostructured photocathode development (Klaus Attenkofer)
7. Testing of ALD based MCPs (Matt Wetstein)
8. Applications to Medical Imaging using Advanced ALD MCPs (Hee-Jong Kim)
9. Low Mass Optical Readout for Tracking (Belen Salvachua Ferrando and David Underwood)

Superconducting RF

1. Atomic Layer Deposition Coating for rf Superconducting Cavities (Jeff Elam)
2. Modeling rf Breakdown Arcs (Jeff Elam)