This is the main page of the SLAC ATLAS Trigger and Data Acquisition group.

General Information

**Documentation**

- ATLAS Trigger
- ATLAS Trigger and Data Acquisition (TDAQ)
- HLT/DAQ/DCS TDR (Oct/03)

**ATLAS Meetings**

- TDAQ Meetings and Workshops
- Trigger Meetings
- DAQ and HLT Meetings
- Trigger Algorithms, Performance and Menus

**SLAC Resources**

- SLAC TDAQ Farm
- SLAC TDAQ Web Server, Ganglia
- SLAC Server at CERN (pcphuat27)
- SLAC RCE Lab at CERN

**Operations**

**Data Taking**

- Run Status
- Electronic Logbook
- Run Query Tool
- Live Event Display
- Data Quality Monitoring
- Message Analytics
- TDAQ Web Server (only from CERN network)

**Database Status**

- Online Database (ATONR) Dashboard
- Shifter Dashboard
- General ATLAS Database Application Dashboard
- Weekly ATONR Usage Report

**P1 Computing**

- Sysadmin FAQ: Using machines in Point 1
- Web Calendar for Booking Farm Machines, follow the guide for how to use it
- P1 Host Status
- P1 Login Restrictions

**SLAC Meetings**

<table>
<thead>
<tr>
<th>Meeting</th>
<th>Day</th>
<th>SLAC Time /Room</th>
<th>CERN Time /Room</th>
<th>Phone</th>
<th>Description</th>
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<tbody>
<tr>
<td>SLAC ATLAS TDAQ</td>
<td>Thursday</td>
<td>8am-9:30am PST</td>
<td>17:00-18:30 CET</td>
<td>510-665-5437</td>
<td>TDAQ technical discussions on projects related to the SLAC community. Announced through &lt;atlas-tdaq-l at slac.stanford.edu&gt;</td>
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**Projects**

The SLAC team is involved in a number of projects in the TDAQ and Trigger systems, with our main focus being on the High-Level Trigger and the DAQ.

**Database Proxies**
• ATLAS Wiki page on Coral Server and Proxy
• (Historic) ATLAS Wiki on DbProxy
• (Historic) Technical Run Information
• More

Partial Event Building
• ATLAS Wiki page on Partial Event Building

Online Beam Spot
• ATLAS Wiki page on the Online Beam Spot
• Sharepoint Space with Online Beam Spot Plots
• ATLAS Wiki page on the Beam Spot (online and offline)
• SVN group area for Online Beam Spot (wsvn) (trac)
• LHC Program Coordination (LPC) Meetings
• More

TDAQ Monitoring
• TDAQ Monitoring Working Group
• More

Trigger Menus
• ATLAS Wiki on Trigger Menus
• Trigger Algorithms, Performance and Menus
• More

Trigger Conditions
• ATLAS Wiki on Trigger Conditions
• More

Other Material
• SSI Lecture on LHC Triggering by P. Sphicas (Jul/06)
• LHC Trigger Seminar by S. Dasu (Jun/05)
• ATLAS Study, Trigger Impact on Higgs Searches (Apr/03)
• History of SLAC Involvement
• Glossary of TDAQ Acronyms

<table>
<thead>
<tr>
<th>TDAQ Weeks/Workshops</th>
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<tr>
<td>SLAC Nov/10</td>
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<td>CERN May/10</td>
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<td>Irvine Apr/05</td>
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Contact
Rainer Bartoldus