SLAC ATLAS Home

This is the internal home page of the ATLAS department at SLAC. Here is a brief overview of the group’s activities. The left side-bar top section navigates to the various specific areas of activities of the SLAC group. More general information can be found below. Some legacy information can still be found on the old static web pages. For visitors and guests, there is also the public SLAC ATLAS home page.

Search the SLAC ATLAS space

General Information

ATLAS Documentation

- LHC Accelerator and Detector Papers (JINST)
- ATLAS Detector Paper (local copy 35MB)
- Proposal and TDRs
- Detector Description Diagrams
- ATLAS Public Results
- ATLAS Directory (w/photos)

Computing

- ATLAS Computing at SLAC (older static page)
- Computing Accounts at CERN, BNL and GRID Certificate
- US Western Tier 2 Center
- Local Datasets
- Datasets available on the GRID at SLAC (SLACXRD)
- ATLAS Computing Workbook

Operations

- Links to LHC and ATLAS operational information
- Shift Training
- OTP Tasks and Shift Booking
- Control Room Webcam

2019 ATLAS Meetings

ATLAS Weeks

- Feb/11-15
- Jun/17-21
- Oct/7-11 (Berlin)

P & P weeks / physics workshops

- Apr/2-5
- Nov/6-8

TDAQ weeks

- Mar/18-22
- Sep/16-20

Upgrade

- ITK Jan/28-Feb/1
- AUW Apr/8-12
- ITK Sep/23-27
- AUW Nov/11-15

Past ATLAS Meeting
• Bringing equipment to CERN
• First Beam Events
  Nov 20, 2009
• First Beam Day Sep 10, 2008

US ATLAS/LHC

• US ATLAS Main Page
• US ATLAS Mailing List
• US ATLAS Reporting Center
• USLUO

Jobs

• SLAC Research Associate on ATLAS
• Rotation projects for Graduate Students
• Fellowship Opportunities

SLAC Local Information

• For SLAC Visitors
• For Stanford Students
• SLAC ATLAS Personnel
• SLAC ATLAS Photos
• Safety and Training
• Conference Presentations

SLAC public lectures

• "The Large Hadron Collider: Redefining High Energy" (Sarah Demers, Jun/2007)
• "Smashing Protons: First Physics at the LHC" (David Miller, Nov/2010)
• "In the shadow of the Higgs" (Emanuel Strauss, Aug/2012)
• "Start from the Bottom: The Hunt for New Physics at the LHC" (Michael Kagan, Jan/2015)

CERN Local Information

• CERN dosimeter certificate, SLAC form
• Laptop registration
• Visitor and Car Registration
• CERN Airport Shuttle Schedule
• ATLAS Visitor Information
• CERN On Site Services
• SLAC Team’s Phones at CERN
• CERN Car
• CERN Access Rights
• Map of Switzerland
• ViaMichelin (France)
• Geneva Airport
• Geneva Weather
• Local Restaurants
• Business Opening Hours

SLAC Administrative Matters

Travel Instructions

• Update 9/21/16: Travel to France (and what about to CERN?)
• STAP Reimbursement checklist
• Foreign travel business-to-personal -days ratio
• Fly America Act and Open Skies Agreement
• Direct Deposit available for registration reimbursements
• Assignment and Return Guidelines
• Conference Approval system - see Adrienne
• CERN area approved hotels
• Revised “Travel Policy and Procedure” document - 03/29/16
• Stanford Medical and Travel assistance when traveling internationally
• Foreign travel reference guide 5/18/17
• Car rental insurance
• CERN apartment address and information
• Concur: How to set up delegates
• Concur: How to enter bank information
• Tripl Pro: organizes all of your travel plans
• Doing expenses with Concur mobile
Travel Links
- SLAC Travel Office
- Concur Login
- Concur Quick Start Guides
- Foreign Per-Diem Rates by Location
- Breakdown of M&IE Rates

International Affairs
- Social Security Numbers for Noncitizens

Conferences
- Meetings Exempt from DOE Conference Approval

Property Transfer and Shipping
- Property Control (search, transfer, move)
- SLAC eShipper

Meetings
- SLAC ATLAS meeting and events
  - Google Calendar
  - Future Global ATLAS Meetings Calendar
  - ATLAS Meeting Agendas
  - ATLAS Weeks

Regular ATLAS Meetings at SLAC & CERN

<table>
<thead>
<tr>
<th>Meeting</th>
<th>Day/Time /Room</th>
<th>Announcements</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCE Test Stand Meeting</td>
<td>Every other Tuesday 8:30am-10:00am Su Dong's Office</td>
<td>&lt;atlas-highlumi-RCE-teststand at cern.ch&gt;</td>
<td>Working meeting on RCE test stand activities for ATLAS upgrade applications.</td>
</tr>
<tr>
<td>SLAC TDAQ Meeting</td>
<td>Every other Thursday 8:00am-9:00am Group C Room (84-B259)</td>
<td>&lt;atlas-tdaq-l at slac.stanford.edu&gt;</td>
<td>Internal meeting of the SLAC TDAQ team.</td>
</tr>
<tr>
<td>SLAC ATLAS Group Meeting</td>
<td>Friday 8:00am-9:30am Ballam Room (84-B188)</td>
<td>&lt;atlas-department-l at slac.stanford.edu&gt;</td>
<td>Internal meeting of the SLAC/Stanford group.</td>
</tr>
</tbody>
</table>

Other irregular meetings: SLAC Pixel Meeting.
For VIDYO information please see individual meeting agenda.

The locations of the conference rooms can be found on the meeting room map.

SLAC seminar series

- **SLAC Experimental Seminars** (Tuesday/Thursday 12:30pm)
- **SLAC theory seminars** (Wednesday 1:30pm and Friday 12:30pm)
- **Advanced Instrumentation Seminars (AIS)** (Time varies, typically Wednesday 1:30pm)
- **AI (machine learning) seminars** (Tuesday 2:00pm @B52)

Recent and Upcoming Local Events

2018

- **SLAC Summer Institute (SSI-2018): “The Standard Model at 50”** (July/31-Aug/10, SLAC)
- **SLAC End Station A ATLAS ITK Test Beam** (May/30-Jun/5)

2017

- **APS/DPF NorCal HEP-EX meeting** (Dec 2/2017, Stanford)
- **US ATLAS VBF/VBS Workshop** (Oct/24/2017)
- **Machine learning and b-tagging workshop @ SLAC ASC** (May/23-26, SLAC)
- **MC4BSM conference** (Ma/11-13, SLAC)

2016

- **Hadronic Final State Forum** (Dec/12-16, SLAC)
- **Higgs Couplings 2016** (Nov/9-12, SLAC)
- **LHC Exotic Higgs Working Group Meeting** (Nov/7-8, SLAC)
- **Annual US LHC User Meeting** (Nov/2-4, LBNL)
- **CHEP** (Oct/10-14, San Francisco)
- **HGTD meeting** (Mar/31-Apr/1, Santa Cruz)

2015

- **Hadronic Final State Forum** (Dec/14-18, Seattle)
- **Machine Learning Physics Jamboree** (Dec/7/201 SLAC)
- **US Fast Forward Timing Detector Meeting** (Nov/9, Santa Cruz)
- **US ITK Upgrade Meeting** (Jul/7 SLAC)
- **LHC Run 2 performance kick-start workshop** (Mar/25-27 LBNL)
- **Connecting the Dots 2015** (Feb/9-11 LBNL)
• 42nd LAC Summer Institute: "Shining Light on Dark Matter", SLAC (Aug/4-15/2014)
• Workshop on Physics at a 100 TeV Collider (Apr/23-25/2014)

2013

• US ATLAS Tracking workshop at LBNL/SLAC (Nov/12-15/2013)
• 41st SLAC Summer Institute: "Journeys through the Frontier" (Jul/8-19/2013)
• Lepton-Photon 2013, San Francisco (Jun/24-29/2013)
• Stanford Hofstadter Lecture: "The Higgs boson and our life" and colloquium by Fabiola Gianotti (Apr/8/2013)

Past events at SLAC

Other ATLAS-related Local Activities

• LHC Accelerator Research Program (LARP) at SLAC

Recently Updated

- Computing and DCS infrastructure in the B33 clean room
  yesterday at 04:29 PM • updated by Dong Su • view change

- Upgrade
  yesterday at 04:14 PM • updated by Dong Su • view change

- Loading notes and presentations
  May 04, 2020 • updated by Newbry, Scott P • view change

- Inner Pixel Construction
  Apr 30, 2020 • updated by Carney, Rebecca • view change

- Glue in freezer log
  Apr 30, 2020 • updated by Vernieri, Caterina • view change

- Glue in freezer log
  Apr 28, 2020 • created by Carney, Rebecca

- Building 33: Programming and using the glue robot
  Apr 28, 2020 • updated by Carney, Rebecca • view change

- Glue mixing
  Apr 28, 2020 • updated by Carney, Rebecca • view change

- Repeat orders
  Apr 28, 2020 • updated by Carney, Rebecca • view change

- StarTest_dataTaking.xlsx
  Apr 24, 2020 • attached by Carney, Rebecca

- Inner Pixel - Loading and Integration
  Apr 21, 2020 • updated by Carney, Rebecca • view change

- staveletLoadingNotes.pdf
  Apr 21, 2020 • attached by Carney, Rebecca

- staveletInfoTesting_sep19.pdf
  Apr 21, 2020 • attached by Carney, Rebecca

- SeptemberNotes.pdf
  Apr 21, 2020 • attached by Carney, Rebecca

- Sep16_notes.pdf
  Apr 21, 2020 • attached by Carney, Rebecca