



US ATLAS HL-LHC R&D Workshop

 15 Nov 2018, 08:30 → 16 Nov 2018, 15:00 US/Central

 Other Institutes



Alexei Klimentov (Brookhaven National Laboratory (US)), Heather Gray (LBNL), Kaushik De (University of Texas at Arlington (US)), Paolo Calafiura (Lawrence Berkeley National Lab. (US)), Torre Wenaus (Brookhaven National Laboratory (US))

Description US ATLAS Workshop, held at University of Texas at Arlington, in conjunction with SC 18 in Dallas, to discuss plans for HL-LHC R&D in Software & Computing.

Meetings will be held in Rm 303 of Chemistry & Physics Building, directly above the [UTA Planetarium](#).

Closest parking is [Maverick Parking Garage](#) (\$10/day). Further away spots can be cheaper - requires prepay.

Videoconference Rooms  US_ATLAS_HL-LHC_R_D_Workshop

THURSDAY, 15 NOVEMBER

08:30	→ 09:00	Breakfast ☹ 30m
09:00	→ 10:00	Using Accelerators: Generators and ML The morning session will focus on using accelerators in HEP. We expect plenty of discussions with short introductory talks. Convener: Taylor Childers (Argonne National Laboratory (US))
10:00	→ 11:00	Using Accelerators: Distributed Training The morning session will focus on using accelerators in HEP. We expect plenty of discussions with short introductory talks. Conveners: Abid Malik (BNL), Amir Farbin (University of Texas at Arlington (US)), Torre Wenaus (Brookhaven National Laboratory (US))
11:00	→ 11:20	Coffee break ☹ 20m
11:20	→ 12:20	Using Accelerators: Frameworks The morning session will focus on using accelerators in HEP. We expect plenty of discussions with short introductory talks. Conveners: Abid Malik (BNL), Nicholas D'Imperio (BNL)
12:20	→ 13:30	Lunch ☹ 1h 10m
13:30	→ 15:30	Caching: Strategies & Plans Caching strategies - xcache, RDMA, plans, schedule. Convener: Andrew Bohdan Hanushevsky (SLAC National Accelerator Laboratory (US))
15:30	→ 15:50	Coffee break ☹ 20m
15:50	→ 17:50	Data & Workload Management: Connections Storage -> Data Management -> WFM Conveners: Alexei Klimentov (Brookhaven National Laboratory (US)), Eric Christian Lancon (BNL), Mario Lassnig (CERN)
19:00	→ 21:00	Dinner ☹ 2h

FRIDAY, 16 NOVEMBER

08:30	→ 09:00	Breakfast ☹ 30m
09:00	→ 10:00	HL-LHC R&D Collaborations: Introduction Friday sessions are focused on discussions and planning to foster collaboration between US ATLAS and CS communities Convener: Torre Wenaus (Brookhaven National Laboratory (US))
10:00	→ 11:00	HL-LHC R&D Collaborations: with National Labs Friday sessions are focused on discussions and planning to foster collaboration between US ATLAS and CS communities Conveners: Alexei Klimentov (Brookhaven National Laboratory (US)), Jack C. Wells (ORNL), Paolo Calafiura (Lawrence Berkeley National Lab. (US)), Taylor Childers (Argonne National Laboratory (US))
11:00	→ 11:30	Coffee break ☹ 30m

11:30 → 12:30 **HL-LHC R&D Collaborations: with Google**

Friday sessions are focused on discussions and planning to foster collaboration between US ATLAS and CS communities

Conveners: Alexei Klimentov (Brookhaven National Laboratory (US)), Karan Bhatia (Google), Kaushik De (University of Texas at Arlington (US))

12:30 → 13:30 **HL-LHC R&D Collaborations: Discussion about synergies (and hiring plans)**

Friday sessions are focused on discussions and planning to foster collaboration between US ATLAS and CS communities