

US-FCC 4th annual meeting @SLAC

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4th annual meeting

The fourth US FCC meeting will be hosted at SLAC.

September 8-11 2026 : Tue PM -Fri AM, two full days (Wed-Thu), to allow travels on Tue/Fri

- On Friday, we will end before lunch to accommodate travel, and for those who choose not to attend that morning, no lunch will be covered that day.
- <https://indico.slac.stanford.edu/event/10213> we are aiming to open the registrations by end of March

Previous editions:

- BNL, April 24-26, 2023 <https://indico.cern.ch/event/1244371/>
- MIT, March 25-27, 2024 <https://indico.mit.edu/event/876/>
- ANL/FNAL, April 14-17, 2025 <https://indico.fnal.gov/event/67484/>

Goals

- A **central objective** of this workshop is to strengthen and better align U.S. HEP efforts with CERN's long-term vision, particularly with respect to the FCC program.
 - We have invited DOE/NSF & CERN management to advance this dialogue and reinforcing the importance of a strong partnership
- There will be discussions of both ongoing efforts as well as opportunities and aspirations for future contributions to the US-HFCC R&D program in PED & ACC.
- We are also aiming at facilitating discussions about:
 - AI & Genesis : impact on future colliders
 - Engagement with DRDs/RDs/detector concept groups
 - Engagement with FCC/CERN leadership and funding agencies

Tentative schedule

	PED
	Acc

- The program will feature tutorials on Tuesday morning, followed by plenary sessions, detailed parallel talks, and panel discussions from Wednesday through Friday morning.
 - discussion on going about adding another tutorial session on Friday afternoon
- We are planning for two panel discussions :
 - how do we plug into the TDR for FCC (ACC focused)
 - how do we plug into the CDR for detector concepts

	Tuesday	Wed	Thursday	Friday
8:30-10:00		1. FCC project overview 2. FCC PED overview 3. FCC accelerator progress	Overview of L2 PED aspirations - open to contributions	a. Detector design and systematic uncertainties c. plenary talk from physics b. MDI/detector interface
10:00-10:30	tutorials?		Coffee break	
10:30-12		4. US engagement in FCC 5. US FCC Acc efforts overview 6. US FCC PED efforts overview 7. AI & Genesis : impact on future colliders	report from DRDs: a couple of representatives that can cover various topics	
Lunch			Lunch	
13:30-15:30	Review of L2 PED progress	Instrumentation/Reco/Tagging/Simulation AI	More on detector/computing 14. Higgs exp uncertainties & det constraints	tutorials?
15:30-16:00	Review of L2 Acc progress	Accelerator parallels	Coffee break	
16:00-18:00	Review of L2 PED progress	Report from RD/CPAD	Physics new ideas/wish list (90 min)	
		Panel Discussion 1	Panel Discussion 2	

Fee & info

- Fee will cover two lunches (Wed+Thu), dinner, reception & coffee breaks
- Room block at the [SLAC guest house](#) , but [alternative hotels](#) close to SLAC are also available
 - [free shuttles](#) from Stanford campus to SLAC
- Three airports (SFO, SJC, OAK)