

US-FCC Monthly Meeting

April 2nd 2026

Srini Rajagopalan, Valentina Cairo, Steve Gourlay, Tor Raubenheimer

US-FCC 4th annual meeting @SLAC

Caterina Vernieri for the POC:
Valentina Cairo
Carl Haber
Jean-Luc Vay
Loukas Gouskos
Michael Hance
Spencer Gessner
Srini Rajagopalan
Stephen Gourlay
Tor Raubenheimer
Vladimir Shiltsev

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

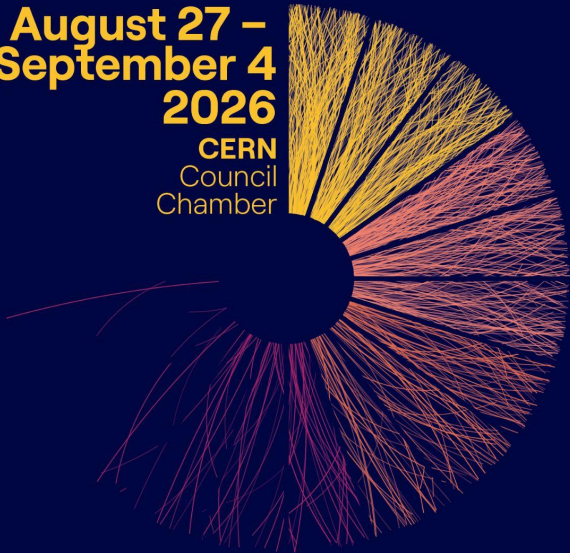
- A **central objective** of this workshop is to strengthen and better align U.S. HEP efforts with CERN's long-term vision, particularly with respect to the FCC program.
 - We have invited DOE/NSF & CERN management to advance this dialogue and reinforcing the importance of a strong partnership
- There 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

Physics School on Future Colliders




**BNL-CERN
SCHOOL ON PHYSICS
@ FUTURE COLLIDERS**
Expanding our Horizons

**August 27 –
September 4
2026**
CERN
Council
Chamber



<https://indico.cern.ch/e/physics-at-future-colliders-2026>



Inaugural school on Physics at Future Colliders:
CERN, August 27 - September 4, 2026

Focuses on the future of particle colliders, exploring the core scientific motivations and the ways in which evolving accelerator and detector technologies can be exploited to address fundamental science questions.


Designed for advanced PhD and early postdocs.


We encourage you to ask your students, postdocs – especially those stationed at CERN, to attend. Financial support available.


<https://indico.cern.ch/event/1661010/>



Agenda for today





HFCC First Thursday monthly meeting 

 Thursday Apr 2, 2026, 12:00 PM → 1:00 PM US/Eastern



 <https://cern.zoom.us/j/68310848982?pwd=eTcjedalu1NIFQSwfYulbldKXbbgBY.1>

12:00 PM → 12:15 PM **Introduction**  15m 

Speakers: Srinu Rajagopalan (Brookhaven National Laboratory (US)), Tor Raubenheimer (SLAC National Accelerator Laboratory (US))

12:15 PM → 12:55 PM **FCC-ee Collider Ring Lattice and Optics comparison**  40m 

Speaker: Sofia Kostoglou (CERN)

 FCCee_OpticsCo...  FCCee_OpticsCo...

EXTRA SLIDES