



USFCC Annual Meeting 2025 – Fermilab/Argonne proposal

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Chicagoland, a particle physics hub

The area around the City of Chicago has a long and rich tradition in particle physics

- Two major National Laboratories: Argonne and Fermilab
- Premier public and private research universities

A regional center of experimental and theoretical particle physics

- World class accelerator and detector R&D, construction facilities
- Critical technologies: micro-electronics, AI/ML, quantum science
- Domestic and international users community

Joint Fermilab/Argonne US FCC Annual Meeting - week of March 3rd or 10th

- Mon-Wed or Wed-Fri
- Days 1 & 2 (Fermilab - plenary/parallel sessions, tours)
- Day 3 (Argonne - plenary in the morning, tours in the afternoon)

Fermilab/Argonne jointly hosting builds on the resident expertise of one of the largest populations of collider physicists in the US, and capitalizes on the already existing user communities (**Option A**)

Fermilab commits to host the full event should the HFSC decides on a single site (**Option B**)

Registration and access to the labs.



Registration: Single registration form will be available in a Fermilab indico event site

- Cost ~\$170 for coffee breaks and reception

Laboratory access - users should just use their valid ID cards to enter the labs.

- Non-users business access will be processed automatically for both labs. from information in the registration form
- Foreign nationals will have to fill out an additional form for Argonne access, accessible from a link to be provided
- At Fermilab, business visitors will have access to all public areas (ground floor, Atrium and 2nd floor)
- Everyone can attend tours

How to reach Fermilab: Chicagoland area is served by two major airports (O'Hare and Midway) and the East-West Tollway (I-88)

- Rental car, taxi/Uber (only passenger needs to show identification), Pace (public bus)
- A shuttle service is available for internal transport within Fermilab

How to reach Argonne: Off (I-55), 30 min drive from Fermilab. Access to O'Hare similar to Fermilab, Midway is closer.

Hotel cost starts at around \$90 per night

- Many hotels near FNAL, some offer breakfast and shuttle service to the lab:
<https://indico.fnal.gov/event/59091/page/3221-fermilab-preferred-lodging>

Meeting dinner at Two Brothers Roundhouse in Aurora (American), charged separately (\$80)

- Oldest limestone building in US, used to house the Chicago & Aurora Railroad (C&A) Company

Fermilab meeting rooms

Wilson Hall (The High Rise), Illinois Accelerator Research Center (IARC)

- WH Auditorium (830 people), IARC Auditorium (175) WH 1West (166), WH Curia II (85), Comitium (40)
 - Other rooms for 25 people on second floor



Conference rooms have zoom and required A/V equipment

Argonne meeting rooms



Advanced Photon Source



APS Auditorium

Capacity: 398

- Three smaller conference rooms in immediate vicinity (capacity 50-100 each)
- Additional small meeting rooms (5-20)

Further large
(up to 250)
spaces
available at:



Other open areas at Fermilab

Plenty of room to mingle with colleagues

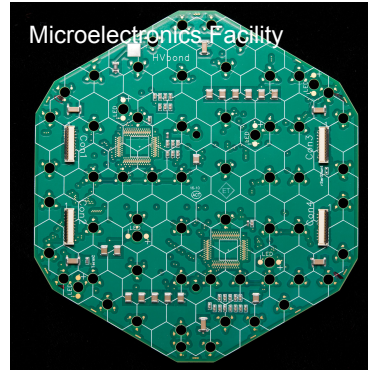
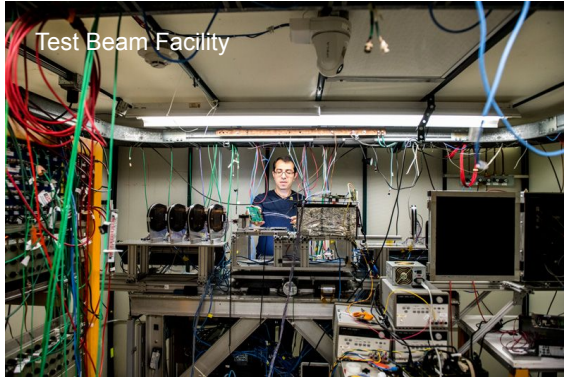
- Fermilab's Atrium and second floor offer many comfortable open areas and small rooms for smaller meetings or privacy
- Examples of large common areas are the Cafeteria, the Atrium, and the 2nd Floor cross-over areas



Conference rooms have zoom and required A/V equipment

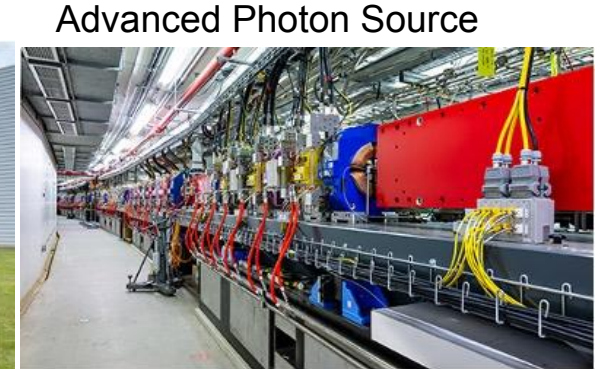
Accelerator, detector, and computing facilities (Fermilab)

You will have the opportunity to tour Fermilab's unique facilities during the meeting



Accelerator, detector, and computing facilities (Argonne)

Tours to these facilities will be offered



Aurora exascale computer



Microfabrication Facility
(ATLAS ITk)



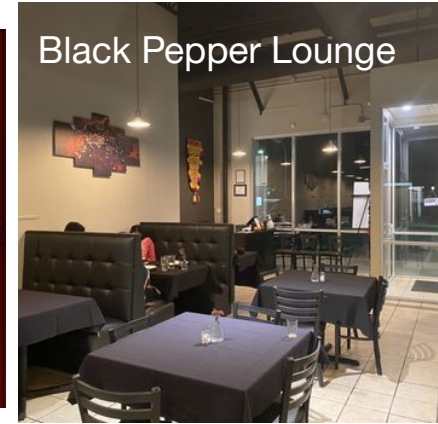
Argonne Wakefield Accelerator

Food in the Fermilab neighborhood

Onsite: Fermilab Cafeteria, open Mon-Fri 7:00-15:00

Offsite: Restaurants on Batavia Rd. & 59 (Montri Thai, Markitos – Mexican, China Inn), Kirk Rd. & 56 (Panera, Black Pepper Lounge - Indian), fast food and breakfast options (Dunkin Donuts, Starbucks)

Great variety and options further away in Batavia, Geneva, Naperville, etc.



Restaurants in Naperville (Trip Advisor) : e.g. Vasili's (Greek), Meson Sabika (Spanish tapas), La Sorella di Francesca (Italian), Lou Malnati's Pizzeria

Restaurants in Batavia (Trip Advisor), Restaurants in Geneva (Trip Advisor)

Recent events at Fermilab

Fermilab has recently hosted major events

- Lattice 2023 (440 participants), US Quantum Information Summer School in 2023 (~200 participants), HCP Summer School in 2024 (~65 participants), US Muon Collider Community Meeting in 2024 (~270 participants)

US Muon Collider Workshop 2024



US Quantum Information Summer School 2023



Lattice 2023



HCP Summer School 2024



Recent HEP Sponsored Events at Argonne

NuFact 2024 (~160 on-site)



P5 Town-hall joint with Femilab 2023 (~150 on-site)



CUWIP 2023 (~150 on-site)



Cafeteria



Guest House Restaurant



Argonne & FNAL natural areas



Chicagoland

Fermilab and the City of Chicago offer countless opportunities

- Impressive metropolitan area with many possibilities: sightseeing, dining, entertainment, cultural events, concerts
- The western suburbs and the Fox River Valley are dotted with historic towns, dining venues and forest preserves

