



# US-Japan Workshop on Accelerators and Beam Equipment for High-Intensity Neutrino Beams

Bob Zwaska

Meeting Introduction – Welcome to Fermilab!

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# US/Japan HEP Collaboration

- Started in 1978 to foster:
  - Joint use of existing high-energy facilities
  - Joint program of accelerator and Instrumental Research and Development
  - Future contributions to the construction of accelerators and expansion of auxiliary equipment
  
- Japan-U.S. Neutrino Task Force formed in 2013
  - Identified neutrino physics as a “pillar field”
  - Established working groups from accelerators to theory
  - Our group’s focus is Accelerator R&D for the MW beam power
    - Kicker, beam monitor, feedback system, low-beam-loss operation technique, beam simulation, ...
  - Targetry issues are (mostly) considered in a parallel track

# Meeting Logistics

- All sessions in Wilson Hall 1 East
  - Wednesday 9:30am – 6:00pm
  - Thursday 9:00am – 6:00pm
  - Informal tours on Friday
  - Coffee service available throughout the sessions
  - Lunch in Wilson Hall cafeteria
- Meeting agenda is on indico:
  - <https://indico.fnal.gov/conferenceOtherViews.py?confId=13080>
  - Look for today's events, or under “Conferences, Workshops, and Events”
  - Speakers should update their own talks or get them to Vaia or myself
  - Presentation most conveniently made from speaker's machine, but a presentation machine is available
  - Agenda is very packed with long talks – speakers should feel free to go short to allow more discussion time during the meeting and breaks

# Goals for this meeting

- Scientific and Technical exchange
  - Presentations from all groups
  - Discussions in sessions
  - Face-to-face discussion outside sessions
- Update on areas of collaboration and mutual interest
  - Particularly those already supported by US-J
- Identification of future work for US-J
  - Further collaboration on existing projects
  - New projects
- Sharpen the mission of this group and its collaboration
  - Also, develop the interface with the targetry working group