# Parallel session agenda

- Accelerator/beamline collaboration
  - Cooperation on engineering in J-PARC neutrino beamline: current, future (Nakadaira) 15'
  - Realistic beam projection (Kobayashi) 10'

#### - T2K

- Importance of Canadian contributions (Nakaya:remote) 15'
- Status of the Canadian group and plan (Konaka) 15'
- IWCD(Kobayashi/Mark Hartz)
  - Relationship with E61, IWCD(HK) and plan (Hartz) 15'
  - Potential facility funding scenario (Kobayashi) 10'

### - HyperK

- Funding status and expectation to Canada (Shiozawa) 15'
- International collaboration (Konaka) 10'
- Discussion on future plan

## Future prospect of the Canadian group

- Canadian group on neutrino program at a critical junction
  - Moving from T2K to HyperK
    - Significant opportunity and uncertainties
      - Canadian group shrunk significantly due to uncertainties
        - » will not participate in ND280 or its possible upgrade beyond March 2019
      - Opportunity to build up a renewed group for HK era
  - Strengthening group at TRIUMF as a core group is essential
    - Addition of Mark Hartz and a new research scientist
    - Strong TRIUMF support in the TRIUMF 5-year plan
    - Provide a base for university groups (possibly new groups) to participate
- Canadian group consider following are essential for HK and Canadian participation
  - HK funding (187kton fiducial mass) [status and prospect?]
  - Sufficient beam operation (~3x10<sup>21</sup>POT/year) [how to get commitment?]
  - Intermediate Water Cherenkov to control systematics [approval process?]

## Review and funding process needed

- International peer review process
  - develop consensus and sound plan
    - along with the commitment of the host laboratories
    - trust on the program allows funding success of the international partners
  - detailed review of the physics case and technical feasibilities
    - essential for the success of the projects
- International review of the program between T2K and HK
  - build up consensus on a realistic program with commitment
- Funding process towards realizing IWCD(E61)
  - HKAC or J-PARC PAC?
  - Upgrade for HK is the highest priority in KEK-PIP:
    - Can we understand that it includes the intermediate detector (IWCD) or is there a process for clarification to include IWCD?