

- ◆ NuMI Primary Beam Sam Childress (FNAL) 20 min.
- ◆ FNAL intensity upgrades Robert Zwaska (UT-Austin) 15 min.
- ◆ Primary beam profile monitor Sacha Kopp (UT-Austin) 15 min.

(Break: 20 min.)

➤ **13:45 – 17:20 Primary Proton Beam (Cont.)**

Chairperson: Nancy Grossman (FNAL)

- ◇ BNL 15 min.
 - ◆ Status of BNL Primary Beam **Wu-Tung Weng** (BNL) 15 min.
- ◇ KEK (K2K) 10 min.
 - ◆ Primary Beam Monitors Jun Kameda (KEK) 10 min.
- ◇ KEK (JHF-ν) 90 min.
 - ◆ Primary Proton Beam Design Atsuko Ichikawa (KEK) 20 min.
 - ◆ Primary Proton Beam Simulation Kenji Tanabe (Tokyo) 10 min.
 - ◆ Super-conducting magnet Toru Ogitsu (KEK) 15 min.
 - ◆ Heat on super-conducting magnets Yosuke Iwamoto (KEK) 10 min.
 - ◆ Primary Proton Beam Monitors
 - Overview and LPM Hiroyuki Noumi (KEK) 15 min.
 - Segmented SEC Kenji Tanabe (Tokyo) 10 min.
 - Residual Gas BPM Ryosuke Ishida (Tokyo) 10 min.

➤ **18:00 – Reception at KEK International Center Lounge 2**

● **2nd day: November 8th (Saturday)**

➤ **9:00 – 11:05 Hadron Production**

Chairperson: TBD

- ◇ Neutrino Flux at MiniBooNE Gordon McGregor (FNAL) 30 min.
- ◇ WANF beam, background, and FLUKA simulations
 - Alberto Guglielmi (Padova) 30 min.
- ◇ HARP status Anselmo Cervera (Geneva) 30 min.
- ◇ J-PARC neutrino beam optimization Atsuko Ichikawa (KEK) 20 min.
- ◇ Hadron Production at J-PARC neutrino beam
 - Ryosuke Ishida (Tokyo) 15 min.

(Break: 15 min.)

➤ **11:20 – 12:00 Target**

Chairperson: TBD

- ◇ JHF-ν target 40 min.
 - ◆ Progress and Development Shunsuke Ueda (Kyoto) 20 min.

- ◆ Numerical Simulation Yoshinari Hayato (KEK) 20 min.
- **12:00 – 13:00 Lunch**
- **13:00 – 15:00 Target (Cont.)**

Chairperson: TBD

- ◇ The MiniBooNE target 30 min.
 - ◆ Operation and Maintenance Gordon McGregor (FNAL) 30 min.
- ◇ The NuMI target 30 min.
 - ◆ Progress and Development Jim Hlyen (FNAL) 30 min.
- ◇ The CNGS target 30 min.
 - ◆ Progress and Development Luca Bruno (CERN) 30 min.
- ◇ BNL activity 30 min.
 - ◆ Design, material, and other R&D, etc Nicholas Simos (BNL) 30 min.

(Break: 10 min.)

- **15:10 – 18:20 Horn**

Chairperson: Alan Ball (CERN)

- ◇ MiniBooNE Horn design and operating experience
 - Larry Bartoszek (FNAL) 30 min.
- ◇ NuMI Horn construction and testing Jim Hlyen (FNAL) 25 min.
- ◇ CERN Horns, status and problems Sandry Wallon (IN2P3) 30 min.
- ◇ JHF Horn stress and thermanl analysis Atsuko Ichikawa (KEK) 20 min.

(Break: 10 min.)

- ◇ JHF Horn construction status and K2K horn experience
 - Yutaka Yamanoi (KEK) 30 min.
- ◇ The CNGS Horns Electrical Systems Gilles Maire (CERN) 25 min.

- **3rd day: November 9th (Sunday)**

- Day Off (Shopping, Sightseeing, Hiking, Excursions, Discussions, etc.)

- **4th day: November 10th (Monday)**

- **9:00 – 12:00 Secondary Beam Monitors including Near Detectors**

Chairperson: TBD

- ◇ Muon Monitors
 - ◆ K2K and JHF-v muon monitors Jun Kameda (KEK) 15 min.
 - ◆ Muon monitor using the decay electrons
 - Katsuki Hiraide (Kyoto) 15 min.
 - ◆ CNGS muon monitor Rhodri Jones (CERN) 15 min.

- ◆ NuMI hadron and muon monitors Robert Zwaska (UT-Austin) 20 min.
- ◆ MiniBooNE LMC detector Eric Zimmerman (Colorado) 20 min.

(Break: 20 min.)

- ◇ Neutrino detectors
 - ◆ K2K Near Neutrino Detector-1 (neutrino flux and spectrum measurement)

Taiki Iwashita (KEK)	20 min.
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 - ◆ K2K Near Neutrino Detector-2 (a new neutrino detector ---SciBar---)

Masashi Yokoyama (Kyoto)	20 min.
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 - ◆ MINOS Near Neutrino Detector

Sacha Kopp (UT-Austin)	20 min.
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- ◇ JHF-ν Near Neutrino Detector

Tsuyoshi Nakaya (Kyoto)	15 min.
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➤ **12:00 – 13:30 Lunch**

- ◇ Free discussion session at the KEK restaurant
 - ◆ at least one from each project (CNGS, NuMI, MiniBooNE, BNL-ν, K2K, and JHF-ν) should attend the lunch session.

➤ **13:30 – 15:30 *Tour to K2K Beam Facility and Front Detectors***

➤ **15:30 – 18:00 *Vacuum windows and Monitors in air***

Chairperson: TBD

- ◇ Vacuum windows at J-PARC

Yoshikazu Yamada (KEK)	23 min.
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- ◇ Beam windows for high transverse density beams

Luca Bruno (CERN)	22 min.
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- ◇ Experience with windows at Fermilab

Jim Hlyen (FNAL)	17 min.
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- ◇ Experimental v.s. simulation results from the BNL E951 study on beam windows for the Muon Collider / Neutrino Factory

Nicholas Simos (BNL)	22 min.
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- ◇ CNGS target area beam position monitors

Rhodri Jones (CERN)	22 min.
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- ◇ MiniBooNE target multiwire

Larry Bartoszek (FNAL)	27 min.
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- ◇ Use of multi wires chambers in air for profile measurements of intensive beams at IHEP (Protvino)

Valeri Falaleev (CERN)	17 min.
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● **5th day: November 11th (Tuesday)**

➤ **9:00 – 12:10 *Radiation Protection***

Chairperson: Jim Hlyen (FNAL)

- ◇ CERN 40 min.
 - ◆ CERN Target Station Radioactive Handling

Luca Bruno (CERN)	20 min.
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 - ◆ CERN Horns – Radioactive Handling

Stephane Rangod (CERN)	20 min.
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- ◇ FNAL / NuMI 45 min.
 - ◆ Simulation of Beam Loss and Radiation Fields with the NuMI Primary Beam line Sam Childress (FNAL) 20 min.
 - ◆ NuMI Radiation Issues Nancy Grossman (FNAL) 25 min.
- (Break: 15 min.)**
- ◇ KEK 90 min.
 - ◆ Warm Magnets and Remote Handling System in the JHF-ν Beam line Erina Hirose (KEK) 25 min.
 - ◆ Neutrino Target Station at J-PARC Yoshikazu Yamada (KEK) 20 min.
 - ◆ KEK Radiation Related Topics Yuichi Oyama (KEK) 30 min.
 - ◆ Beam Loss Monitor Yoshinori Sato (KEK) 15 min.
- **12:10 – 13:10 Lunch**
- **13:10 – 14:50 *Beam dump and Decay section***
Chairperson: TBD
 - ◇ CNGS Decay Tube and Windows Ans Pardons (CERN)
 - ◇ CNGS Beam Dump and Cooling Ans Pardons (CERN) 40 min.
 - ◇ JHF-ν Decay Volume Design Makoto Sakuda (KEK) 30 min.
 - ◇ JHF-ν Beam Dump Design Taku Ishida (KEK) 30 min.
- (Break: 10 min.)**
- **15:00 – 17:00 *Free Discussions***
- **17:00 – *Closing Talks***
 - ◇ KEK Minoru Takasaki (KEK) 5 min.
 - ◇ FNAL TBA 5 min.
- **18:30 *Bus leaves for Sansui-tei restaurant***
- **19:00 – *Dinner at Sansui-tei***