8th International Workshop on Neutrino Beams & Instrumentation

Report of Contributions
Welcome

Wednesday, 7 November 2012 08:40 (10 minutes)

Presenter: MYERS, Steve (CERN)
Session Classification: Welcome
Opening presentation

Wednesday, 7 November 2012 08:50 (10 minutes)

Presenter: ELSENER, Konrad (CERN)
Session Classification: Welcome
T2K Operation summary (earthquake recovery+beamline survey)

Wednesday, 7 November 2012 09:00 (15 minutes)

Presenter: ISHII, Takanobu (KEK)

Session Classification: Projects Status and Overview
NuMI Operation summary 2005-2012

Wednesday, 7 November 2012 09:15 (15 minutes)

Presenter:  CHILDRESS, Samuel Robert (Unknown)

Session Classification: Projects Status and Overview
MiniBOOnE Operation summary

Wednesday, 7 November 2012 09:30 (15 minutes)

Presenter:  Prof. ZIMMERMAN, Eric D. (University of Colorado)
Session Classification:  Projects Status and Overview
CNGS Operation summary

Wednesday, 7 November 2012 09:45 (15 minutes)

Presenter: GSCHWENDTNER, Edda (CERN)
Session Classification: Projects Status and Overview
Discussion

Wednesday, 7 November 2012 10:00 (20 minutes)

Session Classification:  Projects Status and Overview
J-PARC upgrade plan/Future LBL experiment in Japan

Wednesday, 7 November 2012 11:30 (20 minutes)

Presenter: Dr ISHIDA, Taku (IPNS, KEK)

Session Classification: Future projects
Fermilab Neutrino Beams & Experiments: 2013-2020

Wednesday, 7 November 2012 10:50 (20 minutes)

Presenter: MARCHIONNI, Alberto (Univ. + INFN)
Session Classification: Future projects
LBNE design overview and progress

Wednesday, 7 November 2012 11:10 (20 minutes)

Presenter: PAPADIMITRIOU, Vaia
Session Classification: Future projects
Contribution ID: 11

Type: not specified

Discussion

Wednesday, 7 November 2012 12:10 (20 minutes)

Session Classification: Future projects
LBNO project overview and prospects

Wednesday, 7 November 2012 14:00 (20 minutes)

Presenter: EFTHYMIOPoulos, Ilias (CERN)
Session Classification: Future projects
Target Station Challenges for High-Power Super-Beams

Wednesday, 7 November 2012 14:40 (20 minutes)

Presenter:  WILCOX, Dan (STFC - RAL)

Session Classification:  Future projects
A Short Baseline to the CERN North Area - design overview

Wednesday, 7 November 2012 14:20 (20 minutes)

Presenter:  CALVIANI, Marco (CERN)
Session Classification:  Future projects
NuSTORM, le-NUFACT: synergies with LBL 'technology'

Wednesday, 7 November 2012 11:50 (20 minutes)

Presenter: Dr BROSS, Alan (Fermilab)

Session Classification: Future projects
Discussion

Wednesday, 7 November 2012 15:00 (15 minutes)

Session Classification: Future projects
Contribution ID: 17

Proton beam monitoring and control: NuMI to LBNE

Wednesday, 7 November 2012 15:45 (15 minutes)

Presenter: CHILDRESS, Samuel Robert (Unknown)

Session Classification: Primary Beam Line Instrumentation
T2K proton beam monitoring

Wednesday, 7 November 2012 16:00 (15 minutes)

Presenter: Dr KAKUNO, Hidekazu (University of Tokyo)
Session Classification: Primary Beam Line Instrumentation
Experience with CNGS Primary Beam Line Instrumentation

Wednesday, 7 November 2012 16:15 (15 minutes)

Presenter: Mr JENSEN, Lars (CERN)
Session Classification: Primary Beam Line Instrumentation
T2K OTR system

Wednesday, 7 November 2012 16:30 (15 minutes)

Presenter: HARTZ, Mark
Session Classification: Primary Beam Line Instrumentation
Discussion

Wednesday, 7 November 2012 16:45 (15 minutes)

Session Classification: Primary Beam Line Instrumentation
Secondary beam monitoring: NuMI to LBNE

Wednesday, 7 November 2012 17:15 (15 minutes)

Presenter: LOIACONO, Laura (University of Rochester)

Session Classification: Secondary Beam Line Instrumentation
T2K muon monitors

Wednesday, 7 November 2012 17:30 (15 minutes)

Presenter: HIRAKI, Takahiro (Kyoto University)
Session Classification: Secondary Beam Line Instrumentation
Diamond Detectors for CNGS

Wednesday, 7 November 2012 17:45 (15 minutes)

Presenter: Mr JANSEN, Hendrik (Universitaet Bonn (DE))
Session Classification: Secondary Beam Line Instrumentation
**T2K decay volume/beam dump commissioning/operational experience**

*Wednesday, 7 November 2012 18:00 (15 minutes)*

**Presenter:** Dr ISHIDA, Taku (IPNS, KEK)

**Session Classification:** Secondary Beam Line Instrumentation
Discussion

Wednesday, 7 November 2012 18:15 (15 minutes)

Session Classification: Secondary Beam Line Instrumentation
Recent experience with NuMI graphite targets and dumps

Thursday, 8 November 2012 09:05 (20 minutes)

Presenter: HYLEN, James (Unknown)
Session Classification: Targets
Performance and operational feedback of T2K graphite target

Thursday, 8 November 2012 09:25 (20 minutes)

Presenter: Dr NAKADAIRA, Takeshi (HIGH ENERGY ACCELERATOR RESEARCH ORGANIZATION, KEK)

Session Classification: Targets
CNGS target operation and modified design

Thursday, 8 November 2012 09:45 (20 minutes)

Presenter: CALVIANI, Marco (CERN)
Session Classification: Targets
Fermilab High power target program: status and plan

Thursday, 8 November 2012 11:20 (20 minutes)

Presenter: HURH, Patrick (FNAL)

Session Classification: Targets
Discussion

Thursday, 8 November 2012 10:05 (25 minutes)

Session Classification:  Targets
High intensity beam test of beryllium for target and beam window

Thursday, 8 November 2012 11:00 (20 minutes)

Presenter:  HARTSELL, Brian (Fermilab)
Session Classification:  Targets
Radiation damage studies on graphite and beryllium

Thursday, 8 November 2012 08:45 (20 minutes)

Presenter: Dr SIMOS, Nick (Brookhaven National Laboratory)
Session Classification: Targets
HiRadMat: a facility at CERN for material and assembly testing

Thursday, 8 November 2012 11:40 (15 minutes)

Presenter: EFTHYMIOPoulos, Ilias (CERN)
Session Classification: Targets
Granular target and tests at HiRadMat

Thursday, 8 November 2012 11:55 (15 minutes)

Presenter: Mr CHARITONIDIS, Nikolaos (Ecole Polytechnique Federale de Lausanne (CH))

Session Classification: Targets
Discussion

Thursday, 8 November 2012 12:25 (5 minutes)

Session Classification: Targets
CERN horn experience

Thursday, 8 November 2012 13:30 (10 minutes)

Presenter:  PARDONS, Ans (CERN)
Session Classification:  Horns
T2K horn operational experience

Thursday, 8 November 2012 13:40 (20 minutes)

Presenter:  Dr SEKIGUCHI, Tetsuro (KEK)
Session Classification:  Horns
Horn design for NuMI, NOvA and LBNE

*Thursday, 8 November 2012 14:00 (20 minutes)*

**Presenter:**  HYLEN, James (Unknown)

**Session Classification:**  Horns
New T2K horn

Thursday, 8 November 2012 14:20 (15 minutes)

Presenter: COLEMAN, Stephen (Univ. Colorado)
Session Classification: Horns
T2K horn field measurements

Thursday, 8 November 2012 14:35 (15 minutes)

Presenter: MISSERT, Andrew (Univ. Colorado)

Session Classification: Horns
Contribution ID: 48

Type: not specified

Discussion

Thursday, 8 November 2012 14:50 (15 minutes)

Session Classification: Horns
Granular target and tests at HiRadMat – CFD Simulations

Thursday, 8 November 2012 12:10 (15 minutes)

Presenter: DENSHAM, Chris (STFC Rutherford Appleton Laboratory)

Session Classification: Targets
Fatigue studies for horns

Thursday, 8 November 2012 15:35 (25 minutes)

Presenter: Mr BARTOSZEK, Larry (Bartoszek Engineering)

Session Classification: Horns
Power supply design for high-frequency pulsing horns for the CERN to Frejus SuperBeam

*Thursday, 8 November 2012 16:00 (15 minutes)*

**Presenter:** Mr POUSSOT, Pascal (CNRS-IPHC STRASBOURG- France)

**Session Classification:** Horns
4-in-one horn design for the CERN to Frejus Super Beam

Thursday, 8 November 2012 16:15 (15 minutes)

Presenter: VASSILOPOULOS, Nikolaos (Institut Pluridisciplinaire Hubert Curien (FR))

Session Classification: Horns
Discussion

Thursday, 8 November 2012 16:50 (10 minutes)

Session Classification: Horns
CNGS operation and environmental issues

Friday, 9 November 2012 08:45 (20 minutes)

Presenter: VINCKE, Heinz (CERN)

Session Classification: Radiation Protection issues
Failure to launch...
T2K radioactive drainage treatment

Friday, 9 November 2012 09:25 (20 minutes)

Presenter:  Dr OYAMA, Yuichi (KEK)

Session Classification:  Radiation Protection issues
T2K radioactivity in the exhaust air

Friday, 9 November 2012 09:45 (15 minutes)

Presenter: Dr ISHIDA, Taku (IPNS, KEK)
Session Classification: Radiation Protection issues
Contribution ID: 58

Discussion

Friday, 9 November 2012 10:00 (15 minutes)

Session Classification: Radiation Protection issues
Radiation protection challenges for deep underground vs shallow beams

*Friday, 9 November 2012 10:35 (20 minutes)*

**Presenter:** CHILDRESS, Samuel Robert (Unknown)

**Session Classification:** Radiation Protection issues
Target chase, decay and absorber cooling for LBNE

Friday, 9 November 2012 10:55 (20 minutes)

Presenter: MARCHIONNI, Alberto (Univ. + INFN)
Session Classification: Radiation Protection issues
ACTIWIZ material database

Friday, 9 November 2012 11:15 (20 minutes)

Presenters: THEIS, Chris (CERN); Dr VINCKE, Helmut (CERN)

Session Classification: Radiation Protection issues
Discussion
Remote handling experiences at NuMI

Saturday, 10 November 2012 09:30 (20 minutes)

Presenter: HURH, Patrick (FNAL)

Session Classification: Remote handling
T2K remote handling

Saturday, 10 November 2012 09:50 (20 minutes)

Presenter: Dr SEKIGUCHI, Tetsuro (KEK)
Session Classification: Remote handling
Remote handling activities at CERN

Saturday, 10 November 2012 10:10 (20 minutes)

Presenter: GRENARD, Jean-Louis (CERN)
Session Classification: Remote handling
Lessons learned from WANF dismantling

Saturday, 10 November 2012 10:30 (20 minutes)

**Presenter:** PARDONS, Ans (CERN)

**Session Classification:** Remote handling
Targets for SuperBeams

Saturday, 10 November 2012 10:50 (20 minutes)

**Presenter:** DENSHAM, Chris (STFC Rutherford Appleton Laboratory)

**Session Classification:** Remote handling
Discussion

Saturday, 10 November 2012 11:10 (20 minutes)

Session Classification: Remote handling
Summary talk

Saturday, 10 November 2012 11:50 (20 minutes)

Presenter: EFTHYMIOPoulos, Ilia (CERN)
Session Classification: Summary
Next NBI announcement

Saturday, 10 November 2012 12:10 (20 minutes)

Presenter: MARCHIONNI, Alberto (Univ. + INFN)
Session Classification: Summary
Feasibility study of the distribution of 4x1 MW beam power onto the 4-horn system of the EUROnu SPL Super Beam

Thursday, 8 November 2012 16:30 (20 minutes)

Presenter: Dr BOUQUEREL, Elian (Institut Pluridisciplinaire Hubert Curien (FR))
Session Classification: Horns
Practical Issues for NBI 2012

Wednesday, 7 November 2012 10:20 (10 minutes)

Presenter: PARDONS, Ans (CERN)
Session Classification: Projects Status and Overview
Welcome from NBI 2012

Wednesday, 7 November 2012 08:30 (10 minutes)

Presenters: GSCHWENDTNER, Edda (CERN); EFTHYMIOPoulos, Ilias (CERN)

Session Classification: Welcome