

NBI2022: 12th International Workshop on Neutrino Beams and Instrumentation



Report of Contributions

Contribution ID: 2

Type: **not specified**

T2K status

Monday, 19 September 2022 08:10 (30 minutes)

Primary author: NAKADAIRA, Takeshi (KEK)

Presenter: NAKADAIRA, Takeshi (KEK)

Session Classification: NBI 2022

Contribution ID: 3

Type: **not specified**

Current Fermilab Nu Beam Facilities (NuMI, NOvA, BNB)

Monday, 19 September 2022 08:40 (30 minutes)

Primary author: YONEHARA, Katsuya (Fermilab)

Presenter: YONEHARA, Katsuya (Fermilab)

Session Classification: NBI 2022

Contribution ID: 4

Type: **not specified**

Neutrinos@LHC

Monday, 19 September 2022 09:10 (30 minutes)

Primary author: CALVIANI, Marco (CERN)

Presenter: CALVIANI, Marco (CERN)

Session Classification: NBI 2022

Contribution ID: 5

Type: **not specified**

Beamline upgrade for T2K-II/HyperK

Monday, 19 September 2022 09:50 (25 minutes)

Primary author: FRIEND, Megan (KEK)

Presenter: FRIEND, Megan (KEK)

Session Classification: NBI 2022

Contribution ID: 6

Type: **not specified**

LBNF overview

Monday, 19 September 2022 10:15 (25 minutes)

Primary author: GOLLWITZER, Keith (Fermilab)

Presenter: GOLLWITZER, Keith (Fermilab)

Session Classification: NBI 2022

Contribution ID: 7

Type: **not specified**

ESSnuSB

Monday, 19 September 2022 15:20 (25 minutes)

Primary author: TOLBA, Tamer

Presenter: TOLBA, Tamer

Session Classification: NBI 2022

Contribution ID: 8

Type: **not specified**

BDF/SHiP

Monday, 19 September 2022 14:55 (25 minutes)

Primary author: JACOBSSON, Richard

Presenter: JACOBSSON, Richard

Session Classification: NBI 2022

Contribution ID: 9

Type: **not specified**

ENUBET, NuSTORM

Monday, 19 September 2022 14:25 (30 minutes)

Primary author: TERRANOVA, Franceso

Presenter: TERRANOVA, Franceso

Session Classification: NBI 2022

Contribution ID: **10**

Type: **not specified**

Mu2e, COMET

Monday, 19 September 2022 14:00 (25 minutes)

Primary author: LYNCH, Kevin

Presenter: LYNCH, Kevin

Session Classification: NBI 2022

Contribution ID: **11**

Type: **not specified**

Welcome

Monday, 19 September 2022 08:00 (10 minutes)

Primary author: DENSHAM, Chris (STFC)

Presenter: DENSHAM, Chris (STFC)

Session Classification: NBI 2022

Contribution ID: **12**

Type: **not specified**

T2K/HyperK target

Monday, 19 September 2022 15:45 (25 minutes)

Primary author: NAKADAIRA, Takeshi (KEK)

Presenter: NAKADAIRA, Takeshi (KEK)

Session Classification: NBI 2022

Contribution ID: **13**

Type: **not specified**

LBNF target and horn system

Monday, 19 September 2022 16:10 (25 minutes)

Primary author: BACK, John

Presenter: BACK, John

Session Classification: NBI 2022

Contribution ID: **14**

Type: **not specified**

NA61

Monday, 19 September 2022 17:00 (20 minutes)

Primary author: ZIMMERMAN, Eric (University of Colorado)

Presenter: ZIMMERMAN, Eric (University of Colorado)

Session Classification: NBI 2022

Contribution ID: 15

Type: **not specified**

NA61 - low energy

Monday, 19 September 2022 17:20 (20 minutes)

Primary author: MUSSOLINI, Carlo

Presenter: MUSSOLINI, Carlo

Session Classification: NBI 2022

Contribution ID: 16

Type: **not specified**

Modeling horn cooling water for fine neutrino flux estimation

Monday, 19 September 2022 17:40 (20 minutes)

Primary author: NISHIMORI, Sakiko

Presenter: NISHIMORI, Sakiko

Session Classification: NBI 2022

Contribution ID: 17

Type: **not specified**

Upgrade of J-PARC primary beam line

Tuesday, 20 September 2022 10:00 (20 minutes)

Primary author: FUJII, Yoshiaki

Presenter: FUJII, Yoshiaki

Session Classification: NBI 2022

Contribution ID: **18**

Type: **not specified**

Installation, alignment, and commissioning of primary and secondary beamline components for LBNF

Tuesday, 20 September 2022 09:40 (20 minutes)

Primary author: PAVLOVIC, Zarko

Presenter: PAVLOVIC, Zarko

Session Classification: NBI 2022

Contribution ID: 19

Type: **not specified**

Implementation of a new mode into the interlock system on normal-conducting magnet failure

Tuesday, 20 September 2022 09:20 (20 minutes)

Primary author: NAKAYOSHI, Kazuo

Presenter: NAKAYOSHI, Kazuo

Session Classification: NBI 2022

Contribution ID: 20

Type: **not specified**

Upgrades to the beam position and profile interlock scheme for the J-PARC neutrino beamline

Tuesday, 20 September 2022 09:00 (20 minutes)

Primary author: TAIRAFUNE, Seidai (Tohoku University)

Presenter: TAIRAFUNE, Seidai (Tohoku University)

Session Classification: NBI 2022

Contribution ID: **21**

Type: **not specified**

Fermilab neutrino target experience

Tuesday, 20 September 2022 10:55 (20 minutes)

Primary author: LOLOV, Georgi

Presenter: LOLOV, Georgi

Session Classification: NBI 2022

Contribution ID: 22

Type: **not specified**

T2K target experience and upgrades for HyperK (1.3MW)

Tuesday, 20 September 2022 11:15 (20 minutes)

Primary author: FITTON, Michael (STFC)

Presenter: FITTON, Michael (STFC)

Session Classification: NBI 2022

Contribution ID: 23

Type: **not specified**

LBNF target design and development

Tuesday, 20 September 2022 11:35 (20 minutes)

Primary author: WILCOX, Dan (STFC)

Presenter: WILCOX, Dan (STFC)

Session Classification: NBI 2022

Contribution ID: 24

Type: **not specified**

Target and horn pulsed effects and vibration issues

Tuesday, 20 September 2022 11:55 (20 minutes)

Primary author: LOVERIDGE, Peter (STFC)

Presenter: LOVERIDGE, Peter (STFC)

Session Classification: NBI 2022

Contribution ID: 25

Type: **not specified**

Fermilab Horns Operational Experience

Tuesday, 20 September 2022 14:30 (20 minutes)

Primary author: LEE, Meredith

Presenter: LEE, Meredith

Session Classification: NBI 2022

Contribution ID: 26

Type: **not specified**

Colorado Horn Program for T2K

Tuesday, 20 September 2022 14:10 (20 minutes)

Primary author: REH, Michael

Presenter: REH, Michael

Session Classification: NBI 2022

Contribution ID: 27

Type: **not specified**

LBNF Horns and Challenges

Tuesday, 20 September 2022 13:50 (20 minutes)

Primary author: LEE, Meredith

Presenter: LEE, Meredith

Session Classification: NBI 2022

Contribution ID: **28**

Type: **not specified**

LBNF

Tuesday, 20 September 2022 16:25 (20 minutes)

Primary author: PAVLOVIC, Zarko

Presenter: PAVLOVIC, Zarko

Session Classification: NBI 2022

Contribution ID: **29**

Type: **not specified**

J-PARC

Tuesday, 20 September 2022 16:05 (20 minutes)

Presenter: FRIEND, Megan (KEK)

Session Classification: NBI 2022

Contribution ID: **30**

Type: **not specified**

CERN (LHC)

Tuesday, 20 September 2022 15:25 (20 minutes)

Primary author: BURGER, Stephane (CERN)

Presenter: BURGER, Stephane (CERN)

Session Classification: NBI 2022

Contribution ID: **31**

Type: **not specified**

NuMI

Tuesday, 20 September 2022 15:45 (20 minutes)

Primary author: YU, Yiding

Presenter: YU, Yiding

Session Classification: NBI 2022

Contribution ID: **32**

Type: **not specified**

T2K Remote handling experience

Wednesday, 21 September 2022 09:00 (20 minutes)

Primary author: TADA, S

Presenter: TADA, S

Session Classification: NBI 2022

Contribution ID: **33**

Type: **not specified**

Fermilab Remote Handling

Wednesday, 21 September 2022 09:20 (20 minutes)

Primary author: HURH, Patrick (Fermilab)

Presenter: HURH, Patrick (Fermilab)

Session Classification: NBI 2022

Contribution ID: 34

Type: **not specified**

Neutrino target remote exchanger design developments

Wednesday, 21 September 2022 09:40 (20 minutes)

Primary author: HARVEY-FISHENDEN, Eric

Presenter: HARVEY-FISHENDEN, Eric

Session Classification: NBI 2022

Contribution ID: 35

Type: **not specified**

CERN Absorber remote handling design/experience

Wednesday, 21 September 2022 10:00 (20 minutes)

Primary author: GRENARD, Jean-Louis (CERN)

Presenter: GRENARD, Jean-Louis (CERN)

Session Classification: NBI 2022

Contribution ID: **36**

Type: **not specified**

Transport to RAL (RAL tour group only)

Thursday, 22 September 2022 07:50 (40 minutes)

A mix of lab drivers and taxis have been booked to take delegates from The Cosener's House to the tours at RAL.

We ask that delegates using these services arrive promptly at reception for the listed times. If you are staying at alternative accommodation, you will need to travel to The Cosener's House for pickup.

Session Classification: NBI 2022

Contribution ID: 37

Type: **not specified**

Transport to Culham (MRF tour group only)

Thursday, 22 September 2022 09:10 (20 minutes)

A mix of lab drivers and taxis have been booked to take delegates from The Cosener's House to the tour at MRF and finally to attend the RaDIATE meetings at RAL.

We ask that delegates using these services arrive promptly at reception for the listed times. If you are staying at alternative accommodation, you will need to travel to The Cosener's House for pickup.

Session Classification: RaDIATE meeting

Contribution ID: 38

Type: **not specified**

Tea & coffee followed by welcome presentation from Director of Technology

Thursday, 22 September 2022 09:00 (20 minutes)

Primary author: ORLOWSKA, Anna

Presenter: ORLOWSKA, Anna

Session Classification: NBI 2022

Contribution ID: **39**

Type: **not specified**

Check in at reception

Thursday, 22 September 2022 08:30 (30 minutes)

Session Classification: NBI 2022

Contribution ID: 40

Type: **not specified**

High Power Target tour (Group 1)

Thursday, 22 September 2022 09:35 (1h 15m)

Session Classification: NBI 2022

Contribution ID: **41**

Type: **not specified**

ISIS tour (Group 1)

Thursday, 22 September 2022 11:00 (1h 15m)

Session Classification: NBI 2022

Contribution ID: 42

Type: **not specified**

High Power Target tour (Group 2)

Thursday, 22 September 2022 11:00 (1h 15m)

Session Classification: NBI 2022

Contribution ID: 43

Type: **not specified**

ISIS tour (Group 2)

Thursday, 22 September 2022 09:35 (1h 15m)

Session Classification: NBI 2022

Contribution ID: 44

Type: **not specified**

Transport from Culham to RAL

Thursday, 22 September 2022 11:30 (30 minutes)

Session Classification: RaDIATE meeting

Contribution ID: 45

Type: **not specified**

MRF tour

Thursday, 22 September 2022 09:30 (2 hours)

Primary author: KUKSENKO, Slava (UKAEA)

Presenter: KUKSENKO, Slava (UKAEA)

Session Classification: RaDIATE meeting

Contribution ID: 46

Type: **not specified**

LBNF Radiation Safety Issues

Wednesday, 21 September 2022 11:55 (20 minutes)

Primary author: REITZNER, Diane

Presenter: REITZNER, Diane

Session Classification: NBI 2022

Contribution ID: 47

Type: **not specified**

CERN LHC beam dump block autopsy: implementation & early results

Wednesday, 21 September 2022 11:35 (20 minutes)

Primary author: BERNARDES, Ana-Paula

Presenter: BERNARDES, Ana-Paula

Session Classification: NBI 2022

Contribution ID: 48

Type: **not specified**

Recent status of the tritium problem at the J-PARC neutrino beamline

Wednesday, 21 September 2022 11:15 (20 minutes)

Primary author: OYAMA, Yuichi (KEK)

Presenter: OYAMA, Yuichi (KEK)

Session Classification: NBI 2022

Contribution ID: 49

Type: **not specified**

Radiation Protection issues at CERNs north experimental areas

Wednesday, 21 September 2022 10:55 (20 minutes)

Primary author: NOWAK, Elzbieta (CERN)

Presenter: NOWAK, Elzbieta (CERN)

Session Classification: NBI 2022

Contribution ID: 50

Type: **not specified**

Beam windows at CERN and studies at the HiRadMat facility

Wednesday, 21 September 2022 14:35 (20 minutes)

Primary author: SOLIERI, Nicola (CERN)

Presenter: SOLIERI, Nicola (CERN)

Session Classification: NBI 2022

Contribution ID: 51

Type: **not specified**

Operation & upgrades on the T2K hadron absorber towards 1.3 MW operation

Wednesday, 21 September 2022 14:15 (20 minutes)

Primary author: NAKADAIRA, Takeshi (KEK)

Presenter: NAKADAIRA, Takeshi (KEK)

Session Classification: NBI 2022

Contribution ID: 52

Type: **not specified**

NuMI Absorber operational experience as well as LBNF design and status

Wednesday, 21 September 2022 13:55 (20 minutes)

Primary author: SIDOROV,, Vladimir

Presenter: SIDOROV,, Vladimir

Session Classification: NBI 2022

Contribution ID: 53

Type: **not specified**

Beam Windows and Upstream Decay Window Remote Handling

Wednesday, 21 September 2022 13:30 (25 minutes)

Primary author: PETERSON, Quinn (Fermilab)

Presenter: PETERSON, Quinn (Fermilab)

Session Classification: NBI 2022

Contribution ID: 54

Type: **not specified**

LHC collimators and absorbers - status and upgrades

Wednesday, 21 September 2022 15:25 (25 minutes)

Primary author: CALVIANI, Marco (CERN)

Presenter: CALVIANI, Marco (CERN)

Session Classification: NBI 2022

Contribution ID: 55

Type: **not specified**

Plans for T2K Main Ring tune-up/abort dump upgrade

Wednesday, 21 September 2022 15:50 (20 minutes)

Primary author: DENSHAM, Chris (STFC)

Presenter: DENSHAM, Chris (STFC)

Session Classification: NBI 2022

Contribution ID: 56

Type: **not specified**

Irradiation station capabilities for HPT around the world

Thursday, 22 September 2022 13:20 (30 minutes)

Presenter: PELLEMOINE, Frederique (Fermilab)

Session Classification: RaDIATE meeting

Contribution ID: 57

Type: **not specified**

Irradiation and PIE capabilities at TRIUMF

Thursday, 22 September 2022 13:50 (20 minutes)

Presenter: GOTTBERG, Alexander (TRIUMF)

Session Classification: RaDIATE meeting

Contribution ID: 58

Type: **not specified**

Investigation of radiation damage effects in beryllium: updates on recent results obtained on proton, neutron and He-ions irradiated samples

Thursday, 22 September 2022 14:10 (20 minutes)

Presenter: KUKSENKO, Slava

Session Classification: RaDIATE meeting

Contribution ID: 59

Type: **not specified**

MC40 cyclotron at University of Birmingham

Thursday, 22 September 2022 14:30 (20 minutes)

Presenter: CHIU , Yu-Lung (University of Birmingham)

Session Classification: RaDIATE meeting

Contribution ID: **60**

Type: **not specified**

Irradiation and PIE capabilities at University of Wisconsin-Madison

Thursday, 22 September 2022 15:20 (20 minutes)

Presenter: COUET, Adrien (University of Wisconsin-Madison)

Session Classification: RaDIATE meeting

Contribution ID: **61**

Type: **not specified**

Irradiation and characterization for material science

Thursday, 22 September 2022 15:40 (20 minutes)

Presenter: GRYGIEL, Clara (GANIL-CIMAP)

Session Classification: RaDIATE meeting

Contribution ID: 62

Type: **not specified**

Nuclear material characterization and PIE capabilities at Bristol

Thursday, 22 September 2022 16:00 (20 minutes)

Presenter: LIU, Dong (University of Bristol)

Session Classification: RaDIATE meeting

Contribution ID: **63**

Type: **not specified**

STFC Status

Thursday, 22 September 2022 16:20 (20 minutes)

Presenter: DENSHAM, Chris (STFC)

Session Classification: RaDIATE meeting

Contribution ID: **64**

Type: **not specified**

FNAL Status

Thursday, 22 September 2022 16:40 (20 minutes)

Presenter: BIDHAR, Sujit (Fermi National Accelerator Laboratory)

Session Classification: RaDIATE meeting

Contribution ID: 65

Type: **not specified**

Oxford Status

Friday, 23 September 2022 09:00 (20 minutes)

Presenter: MARROW, James (Oxford University)

Session Classification: RaDIATE meeting

Contribution ID: **66**

Type: **not specified**

RaDIATE activities at J-PARC

Friday, 23 September 2022 09:20 (20 minutes)

Presenter: MAKIMURA, Sunshuke (KEK)

Session Classification: RaDIATE meeting

Contribution ID: **67**

Type: **not specified**

CERN Status

Friday, 23 September 2022 09:40 (20 minutes)

Presenter: SOLIERI, Nicola (CERN)

Session Classification: RaDIATE meeting

Contribution ID: 68

Type: **not specified**

Status Report on Targetry Activities at PNNL

Friday, 23 September 2022 10:00 (20 minutes)

Presenter: CASELLA, Andrew (PNNL)

Session Classification: RaDIATE meeting

Contribution ID: **69**

Type: **not specified**

BLIP Status

Friday, 23 September 2022 10:55 (20 minutes)

Presenter: KIM, Dohyun (BNL)

Session Classification: RaDIATE meeting

Contribution ID: 70

Type: **not specified**

RaDIATE BLIP irradiation

Friday, 23 September 2022 11:15 (1 hour)

Presenter: AMMIGAN, Kavin (Fermi National Accelerator Laboratory)

Session Classification: RaDIATE meeting

Contribution ID: 71

Type: **not specified**

CIEMAT and the IFMIF-DONES Irradiation Facility: Design Status and Near Future

Friday, 23 September 2022 13:30 (20 minutes)

Presenter: MAESTRE, Jorge (Universidad de Granada)

Session Classification: RaDIATE meeting

Contribution ID: 72

Type: **not specified**

FRIB facility status update

Friday, 23 September 2022 13:50 (20 minutes)

Presenter: STOLZ, Andreas (MSU-FRIB)

Session Classification: RaDIATE meeting

Contribution ID: 73

Type: **not specified**

Overview of post irradiation examination projects at the Spallation Neutron Source

Friday, 23 September 2022 14:10 (20 minutes)

Presenter: MCCLINTOCK, David (ORNL)

Session Classification: RaDIATE meeting

Contribution ID: 74

Type: **not specified**

LANL targets update

Friday, 23 September 2022 14:30 (20 minutes)

Presenter: SALEH, Tarik (Los Alamos National Laboratory)

Session Classification: RaDIATE meeting

Contribution ID: 75

Type: **not specified**

The in-situ and ex-situ irradiation capability in IVEM-Tandem Facility at AN

Friday, 23 September 2022 15:25 (20 minutes)

Presenter: CHEN, Weiyang (Argonne National Laboratory)

Session Classification: RaDIATE meeting

Contribution ID: 76

Type: **not specified**

MoU and Future actions on RaDIATE

Friday, 23 September 2022 15:45 (1h 15m)

Presenter: PELLEMOINE, Frederique (Fermilab)

Session Classification: RaDIATE meeting

Contribution ID: 77

Type: **not specified**

Overview of HiRadMat and the Eurolabs Initiative

Tuesday, 20 September 2022 13:30 (20 minutes)

Primary author: MUSSOLINI, Carlo

Presenter: MUSSOLINI, Carlo

Session Classification: NBI 2022