

Session Program

28 October 2024 to 1 November 2024



23rd International Workshop on Next Generation Nucleon Decay and Neutrino Detectors (NNN24)

Invited talks

CBPF, Rio de Janeiro, Auditório Ministro João Alberto Lins e Barros
Rua Dr. Xavier Sigaud 150 Urca, Rio de Janeiro, RJ Brazil

Monday 28 October

09:30

Invited talks: invited talk

Session |

Location: CBPF, Rio de Janeiro, Auditório Ministro João Alberto Lins e Barros, Rua Dr. Xavier Sigaud 150 Urca, Rio de Janeiro, RJ Brazil |

Convener: David Martinez

09:30–10:00

T2K latest results and future prospects

Speaker

Jianrun Hu

10:00–10:30

New Results from the NOvA experiment & the joint-fit with T2K

Speaker

Zoya Vallari

10:30

11:00

Invited talks: invited talk

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Convener: David Martinez

11:00–11:30

Deep Underground Neutrino Experiment: DUNE, Current Status and Perspectives

Speaker

Gustavo Valdiviesso

11:30–12:00

Status of the Hyper-Kamiokande Experiment

Speaker

Yousuke Kataoka

12:00

14:20

Invited talks: invited talk

Session |

Location: CBPF, Rio de Janeiro, Auditório Ministro João Alberto Lins e Barros, Rua Dr. Xavier Sigaud 150 Urca, Rio de Janeiro, RJ Brazil |

Convener: Ricardo Gomes

14:20–14:50

SuperK latest results and future prospects

Speaker

Shintaro Miki

14:50–15:25

Underwater and under-ice km-scale detectors: similarities and differences

Speaker

Tommaso Chiarusi

15:25

15:55

Invited talks: invited talk

Session |

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Convener: Ricardo Gomes

15:55-16:25

JUNO' status and future prospects

Speaker

Prof. Xiaonan Li

16:25

Tuesday 29 October

09:00

Invited talks

Session |

Location: CBPF, Rio de Janeiro, Auditório Ministro João Alberto Lins e Barros, Rua Dr. Xavier Sigaud 150 Urca, Rio de Janeiro, RJ Brazil |

Convener: João Carlos dos Anjos

09:00–09:30

Overview of neutrino oscillations

Speaker

David Vanegas Forero

09:30–10:00

PROSPECT-I final oscillation results and PROSPECT-II physics goals and detector design

Speaker

Ohana Benevides Rodrigues

10:00

10:30

Invited talks

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10:30–11:00

Direct Neutrino Mass Measurements

Speaker

Alessandro Schwemmer

11:00–11:30

Neutrinoless double beta decay: status and prospects of searches with liquid scintillator detectors

Speaker

José Maneira

11:30

Wednesday 30 October

09:00

Invited talks

Session |

Location: CBPF, Rio de Janeiro, Auditório Ministro João Alberto Lins e Barros, Rua Dr. Xavier Sigaud 150 Urca, Rio de Janeiro, RJ Brazil |

Convener: Alexander Argüello Quiroga

09:00–09:30

MicroBooNE Latest Results and Future Prospects

Speaker

Christopher Thorpe

09:30–10:00

ICARUS at the Short-Baseline Neutrino program: first results

Speaker

Laura Pasqualini

10:00

10:30

Invited talks

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Convener: Alexander Argüello Quiroga

10:30–11:00

Status of the Short-Baseline Near Detector at Fermilab

Speaker

Gustavo Valdivieso

11:00–11:35

Hadron Production Experiments

Speaker

Lu Ren

11:35

Thursday 31 October

09:00

Invited talks

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Convener: David Vanegas Forero

09:00–09:30

Short-Baseline Anomalies and Sterile Neutrinos: where we stand and where we're going

Speaker

Mark Ross-Lonergan

09:30–10:00

Near Detectors that Move and Beam Monitors

Speaker

Dr Ryosuke Akutsu

10:00

10:30

Invited talks

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Convener: David Vanegas Forero

10:30–11:00

LAr purification for LBNF-DUNE: Brazil in-kind contribution

Speaker

Pascoal Jose Giglio Pagliuso

11:00–11:30

LAr Purification for LBNF-DUNE Fluid Dynamics Analysis of the LAr Purification in Prototype Systems

Speaker

Prof. Dirceu Norlier

11:30–12:00

The ionisation laser calibration system for DUNE

Speaker

José Maneira

12:00

14:15

Invited talks

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Convener: Gustavo Valdivieso

14:15–14:45

Novel LArTPC technologies for near detectors

Speaker

Zoya Vallari

14:45–15:15

DUNE Far Detector: current and new technologies

Speaker

André Fabiano Steklain Lisboa

15:15

15:45

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15:45-16:15

COHERENT: Latest Results and Future Prospects

Speaker

Jonathan Link

16:15-16:45

CONNIE latest results and future prospects

Speaker

Carla Bonifazi

16:45

Friday 1 November

09:00

Invited talks

Session |

Location: CBPF, Rio de Janeiro, Auditório Ministro João Alberto Lins e Barros, Rua Dr. Xavier Sigaud 150 Urca, Rio de Janeiro, RJ Brazil |

Convener: Magda Bittencourt Fontes

09:00–09:30

Photon Detection in Neutrino Physics

Speaker

Ettore Segreto

09:30–10:00

Exploring New Avenues for Neutrino Detection with ANNIE: Milestones and Firsts

Speaker

Matthew Wetstein

10:00

10:30

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10:30–11:00

Systematic Uncertainties in Future Neutrino Oscillation Experiments

Speaker

Joseph Walsh

11:00–11:30

Scintillator detectors: SuperFGD, MINERvA, LiquidO

Speaker

Hikaru Tanigawa

11:30–12:00

SuperFGD: A high-granularity detector for improved neutrino interaction measurements in T2K

Speaker

Mr Hokuto Kobayashi

12:00