24th International Workshop on Next Generation Nucleon Decay & Neutrino Detectors (NNN25)

Wednesday, October 1, 2025

Plenary Talks (9:30 AM - 10:30 AM)

| time | [id] title | presenter |
|----------|---|-------------------|
| 9:30 AM | [33] Theoretical Overview of Neutrino Oscillations | Prof. LI, Shirley |
| 9:55 AM | [34] Q&A | |
| 10:00 AM | [86] Experimental Overview of Neutrino Oscillations | KONAKA, Akira |
| 10:25 AM | [36] Q&A | |

Plenary Talks (11:00 AM - 1:00 PM)

| time | [id] title | presenter |
|----------|--|--------------------|
| 11:00 AM | [22] Results and Prospects from Atmospheric Neutrinos | Mr BRUNNER, Jürgen |
| 11:25 AM | [38] Q&A | |
| 11:30 AM | [4] Hyper-Kamiokande | Dr LI, Xiaoyue |
| 11:55 AM | [39] Q&A | |
| 12:00 PM | [57] SNO+: Progress and Prospects | BAYES, Ryan |
| 12:25 PM | [65] Q&A | |
| 12:30 PM | [63] Machine Learning and Artificial Intelligence for Neutrino Science | TERAO, Kazuhiro |
| 12:55 PM | [64] Q&A | |

Plenary Talks (2:00 PM - 3:30 PM)

| time | [id] title | presenter |
|---------|---|-------------------------|
| 2:00 PM | [68] Probing the Nature of Neutrinos with the Deep Underground Neutrino Experiment (DUNE) | Mr INGRATTA, Gianfranco |
| 2:25 PM | [51] Q&A | |
| 2:30 PM | [81] Sterile Neutrinos and Beyond the Three Flavours Overview | ZHANG, Yue |
| 2:55 PM | [52] Q&A | |
| 3:00 PM | [5] Exploring BSM Physics and Neutrino Interactions with MicroBooNE | MARTYNENKO, Sergey |
| 3:25 PM | [62] Q&A | |

<u>Plenary Talks</u> (4:00 PM - 5:30 PM)

| time | [id] title | presenter | |
|---------|--------------------------------------|--------------------|--|
| 4:00 PM | [59] Overview of Supernova Neutrinos | Prof. SULIGA, Anna | |

| 4:25 PM | [60] Q&A | |
|---------|---|--------------------------------|
| 4:30 PM | [10] Hunting neutrinos with ancient Pb | FERREIRO IACHELLINI, Nahuel |
| 4:55 PM | [61] Q&A | |
| 5:00 PM | [58] The HALO Supernova Neutrino Detector | SONLEY, Tom |
| 5:25 PM | [75] Q&A | |

Thursday, October 2, 2025

Plenary Talks (8:30 AM - 10:30 AM)

| time | [id] title | presenter |
|----------|---|-------------------------|
| 8:30 AM | [18] Non-standard interactions and tau neutrino detection at DUNE | YU, Xinyue |
| 8:55 AM | [41] Q&A | |
| 9:00 AM | [40] Results and Prospects from Solar Neutrinos | |
| 9:25 AM | [42] Q&A | |
| 9:30 AM | [1] The measurement of low energy solar neutrinos with XENONnT experiment | Dr KOBAYASHI, Masatoshi |
| 9:55 AM | [32] Q&A | |
| 10:00 AM | [31] EDII and Scientific Practice | CADEN, Erica |
| 10:25 AM | [82] Q&A | |

<u>Plenary Talks</u> (11:00 AM - 1:00 PM)

| time | [id] title | presenter |
|----------|---|------------------------|
| 11:00 AM | [55] Overview of CEvNS | Dr HAKENMÜLLER, Janina |
| 11:25 AM | [78] Q&A | |
| 11:30 AM | [37] Overview of Reactor Neutrino Experiments | Dr CHIMENTI, Pietro |
| 11:55 AM | [53] Q&A | |
| 12:00 PM | [25] Experimental Overview of Inelastic Neutrino-Nucleus Interactions | MCFARLAND, Kevin |
| 12:25 PM | [56] Q&A | |
| 12:30 PM | [77] Overview of Neutrino Mass Measurements | MESSINA, Marcello |
| 12:55 PM | [54] Q&A | |

Plenary Talks (2:00 PM - 3:30 PM)

| time | [id] title | presenter |
|---------|---|-----------------------|
| 2:00 PM | [45] Neutrinoless double beta decay | Dr HOLT, Jason |
| 2:25 PM | [44] Q&A | |
| 2:30 PM | [27] The SuperNEMO Double-Beta-Decay Experiment | CHAUVEAU, Emmanuel |
| 2:55 PM | [46] Q&A | |
| 3:00 PM | [2] The Quest for No Neutrinos: Probing the Majorana Nature with LEGEND-200 | Mr LEONHARDT, Andreas |
| 3:25 PM | [47] Q&A | |

<u>Plenary Talks</u> (4:00 PM - 6:00 PM)

time [id] title presenter

| 4:00 PM | [21] Latest results from CUORE and prospects for CUPID | DELL'ORO, Stefano |
|---------|---|--------------------|
| 4:25 PM | [48] Q&A | |
| 4:55 PM | [49] Q&A | |
| 5:00 PM | [7] NuDoubt++: Combining Hybrid and Opaque Scintillation Technology in the Search for Positive Double Weak Decays | SCHOPPMANN, Stefan |
| 5:25 PM | [66] Q&A | |
| 5:30 PM | [79] The Theia physics program and the Eos demonstrator | LEBANOWSKI, Logan |
| 5:55 PM | [84] Q&A | |

Friday, October 3, 2025

<u>Plenary Talks</u> (8:30 AM - 10:30 AM)

| time | [id] title | presenter |
|----------|--|---------------------|
| 8:30 AM | [26] Status of the Short-Baseline Near Detector at Fermilab | KROUPOVA, Tereza |
| 8:55 AM | [70] Q&A | |
| 9:00 AM | [28] Neutrino measurements with the FASER detector at the LHC | CAVANAGH, Charlotte |
| 9:25 AM | [71] Q&A | |
| 9:30 AM | [24] Neutrino Detection with ARGO | MOHARANA, Asish |
| 9:55 AM | [72] Q&A | |
| 10:00 AM | [23] Scintillation and Cherenkov Light Separation in a Liquid Argon Detector | NEWMARK, Darcy |
| 10:25 AM | [85] Q&A | |

<u>Plenary Talks</u> (11:00 AM - 1:00 PM)

| time | [id] title | presenter |
|----------|---|-------------------|
| 11:00 AM | [73] High-energy astrophysical neutrinos | Dr THOMPSON, Will |
| 11:25 AM | [74] Q&A | |
| 11:30 AM | [14] All-Sky High-Energy Neutrino Sources Searches with IceCube | SHAH, Riya |
| 11:55 AM | [76] Q&A | |
| 12:25 PM | [80] Q&A | |

Plenary Talks (2:00 PM - 3:30 PM)