



# Global Neutrino Network (GNN) Meeting 2026 (formerly MANTS)

## Monday, 25 May 2026

### Topical Sessions: New Detectors and Concepts (11:00 - 12:30)

time	[id] title	presenter
11:00	[13] TAMBO - a new neutrino telescope to be deployed in a deep valley	THOMPSON, Will
11:20	[3] POLARIS - new sparse radial detector concept for an underwater neutrino telescope	HYMON, Karolin

### Topical Sessions: Analysis Tools, ML Algorithms, Low-Level Reconstructions, Triggers, ... (14:00 - 15:30)

time	[id] title	presenter
14:00	[6] GraphNet-based triggers for Neutrino Telescopes	LI, Ruohan
14:20	[11] Machine-learning-based optimization of neutrino telescope designs	TCHIORNIY, Kristian
14:40	[17] NEPTUNE transformer models and its usage in a new event selection	YU, Felix
15:00	[9] Combined analyses with pyForwardFolding (pyFF)	MOSBRUGGER, Anke JANIK, Oliver

### Topical Sessions: Higher-Level Data Analysis (16:00 - 17:30)

time	[id] title	presenter
16:00	[5] Lorentz Invariance Violation with high-energy neutrinos and gamma-ray bursts	LAMOUREUX, Mathieu
16:15	[8] GFU-cluster alerts in IceCube and Extension to joint IC-KM3NeT	MANCINA, Sarah Louise
16:30	[12] IceCube Galactic Plane results using a combined data set	THIESMEYER, Matthias
16:45	[14] IceCube searches for high-energy neutrinos from gravitational-wave events in real time	THWAITES, Jessie
17:00	[2] High energy DIS neutrino cross section using 10 years of IceCube data	HILL, Colton
17:15	[4] Inclusive Search for Taus and Charmed Hadrons in IceCube	JIN, Miaochen

## Tuesday, 26 May 2026

### **Topical Sessions: Detectors and Calibration Devices (12:00 - 12:30)**

time	[id] title	presenter
12:00	[7] The POCAM Calibration Devices	MANAO, Elena EIDENSCHINK, Leonhard
12:15	[16] P-ONE Optical Module production	WINTER, Laura

### **Topical Sessions: Flux modeling, simulation, cross sections, and final states (14:00 - 15:30)**

time	[id] title	presenter
14:00	[15] A software tool to interpolate neutrino cross sections between different generators	TRETTIN, Alexandra
14:20	[10] Updates to the modeling of the downgoing atmospheric neutrino self-veto using BDTs	RECHAV, Zoë
14:40	[1] MCEq: latest updates and future roadmap	FRÖSE, Stefan

### **Topical Sessions: TO BE DETERMINED (16:00 - 17:30)**