

TAMBO-BEACON-TRINITY (TBT) Workshop

Report of Contributions

Contribution ID: 9

Type: **Talk**

Welcome

Thursday, 30 October 2025 09:30 (15 minutes)

Contribution ID: **10**

Type: **Talk**

Overview of Trinity

Thursday, 30 October 2025 09:45 (30 minutes)

Presenter: OTTE, Nepomuk (Georgia Tech)

Contribution ID: **11**

Type: **Talk**

Overview of BEACON/HERON

Thursday, 30 October 2025 10:15 (30 minutes)

Presenter: WISSEL, Stephanie (Penn State)

Contribution ID: **12**

Type: **Talk**

Overview of TAMBO

Thursday, 30 October 2025 10:45 (30 minutes)

Presenter: ARGÜELLES , Carlos (Harvard University)

Contribution ID: 13

Type: **Talk**

Trinity Demonstrator Camera & Operations and Data Analysis for the Trinity Demonstrator

Thursday, 30 October 2025 14:00 (45 minutes)

Presenter: STEPANOFF, Sofia

Contribution ID: 14

Type: **Talk**

Data Analysis for the Trinity Demonstrator

Presenter: STEPANOFF, Sofia

Contribution ID: 15

Type: **not specified**

Architecture and Workflow of the Trinity Demonstrator Simulation Chain

Presenter: SHAPER, Eden

Contribution ID: 16

Type: **Talk**

Analysis and Acceptance Modeling of Trinity Simulations / Architecture and Workflow of the Trinity Demonstrator Simulation Chain

*Friday, 31 October 2025 09:15 (30 minutes)***Presenter:** SHAPER, Eden

Contribution ID: 17

Type: **Talk**

Multimessenger Lepto-Hadronic Modeling of Astrophysical Sources (Hands-on)

*Thursday, 30 October 2025 12:15 (30 minutes)***Presenter:** RAUDALES, David

Contribution ID: **18**Type: **Talk**

Tracing the Path to Discovery: The Astroparticle Physics Potential of the Trinity Neutrino Observatory

*Thursday, 30 October 2025 11:45 (30 minutes)***Presenter:** RAUDALES, David

Contribution ID: 19

Type: **Talk**

From Showers to Signatures: The Particle Physics Potential of the Trinity Neutrino Observatory

Presenter: RAUDALES, David

Contribution ID: 20

Type: **Talk**

Predictions of the Atmospheric Muon Background for the Trinity Neutrino Observatory

*Friday, 31 October 2025 11:15 (30 minutes)***Presenter:** TRAN, Kiet (University of Utah)

Contribution ID: 21

Type: **not specified**

Effective Area / Acceptance Calculations & Topography

Thursday, 30 October 2025 16:15 (30 minutes)

Presenter: ZEOLLA, Andrew (Penn State)

Session Classification: Discussion

Contribution ID: 22

Type: **not specified**

NuLeptonSim / Tau Propagation / Pie in the Sky

Presenter: CUMMINGS, Austin (Penn State)

Session Classification: Remote Session

Contribution ID: 23

Type: **Talk**

Detectors for TAMBO and Site Selection

Thursday, 30 October 2025 14:45 (30 minutes)

Presenter: THOMPSON, Will (Harvard University)

Contribution ID: 24

Type: **Talk**

TAMBO Simulation

*Friday, 31 October 2025 09:45 (30 minutes)***Presenter:** LAZAR, Jeffrey (UC Louvain)

Contribution ID: 25

Type: **not specified**

Effective Area / Acceptance Calculations & Topography

Thursday, 30 October 2025 15:15 (30 minutes)

Presenter: ZEOLLA, Andrew (Pennsylvania State University)

Contribution ID: 26

Type: **not specified**

Welcome Back & Recap

Friday, 31 October 2025 09:00 (15 minutes)

Presenter: ARGÜELLES-DELGADO, Carlos (Harvard University)

Contribution ID: 27

Type: **not specified**

Pie in the Sky

Friday, 31 October 2025 10:15 (30 minutes)

Presenter: CUMMINGS, Austin (Penn State)

Contribution ID: 28

Type: **not specified**

NuLeptonSim / Tau Propagation

*Friday, 31 October 2025 11:45 (30 minutes)***Presenter:** CUMMINGS, Austin (Penn State)

Contribution ID: **29**

Type: **not specified**

Adios

Friday, 31 October 2025 12:15 (30 minutes)

Presenter: ARGÜELLES-DELGADO, Carlos (Harvard University)