

**Session Program**

**7-11 Oct 2019**

**Neutrino Platform Week 2019: Hot Topics in  
Neutrino Physics**

***Long Baseline Oscillations***

CERN, 4/3-006 - TH Conference Room

# Tuesday 8 October

08:30

## Long Baseline Oscillations

**Session** | **Location:** CERN, 4/3-006 - TH Conference Room

08:30–09:00 **SM and BSM physics in DUNE**

**Speaker**

Albert De Roeck

09:10–09:40 **BSM physics at near detectors**

**Speaker**

Claudia Frugiuele

09:50–10:20 **Precision (Anti)neutrino Scattering off Nucleons and Nuclei**

**Speaker**

Roberto Petti

10:30

11:00

## Long Baseline Oscillations

**Session** | **Location:** CERN, 4/3-006 - TH Conference Room

11:00–11:30 **Neutrino Interactions with Nuclei**

**Speaker**

Ulrich Mosel

11:40–12:00

**Probing nuclear effects in neutrino interactions using transverse kinematic imbalance**

**Speaker**

Dr Stephen Joseph Dolan

12:05

14:00

## Long Baseline Oscillations

**Session** | **Location:** CERN, 4/3-006 - TH Conference Room

14:00–14:20 **Electron and neutrino scattering**

**Speaker**

Prof. camillo mariani

14:25–14:45

**Role of short-range nuclear dynamics in neutrino-nucleus interactions**

**Speaker**

Prof. Omar Benhar

14:50–15:10 **Neutrino Oscillations in Matter**

**Speaker**

Dr Peter Denton

15:15–15:35 **Reactor neutrino oscillations as constraints on Effective Field Theory**

15:40

**Speaker**  
zahra tabrizi

16:10

## Long Baseline Oscillations

**Session** | **Location:** CERN, 4/3-006 - TH Conference Room

16:10-16:30 **Light Extended Neutrino Sectors: Foundations and Phenomenology**

**Speaker**  
Bibhushan Shakya

16:35-16:55

**Constraining NSI and Sterile Neutrino Physics with  $\nu_\tau$  Appearance in DUNE**

**Speaker**  
Anish Ghoshal

17:00-17:20 **Non-Standard Interactions in Radiative Neutrino Mass Models**

**Speaker**  
Jana Sudip

17:25