

## **Session Program**

**October 31, 2018 to November 4, 2018**

# **International Workshop on Next Generation Nucleon Decay and Neutrino Detectors (NNN18)**

## ***Systematics and Analysis technique Parallel***

UBC Robson Square, Theatre (Room C300)  
800 Robson St, Vancouver, BC V6Z 3B7

# Thu, November 1

2:00 PM

## Systematics and Analysis technique Parallel

**Session** | **Location:** UBC Robson Square, Theatre (Room C300), 800 Robson St, Vancouver, BC V6Z 3B7

### 2:00 – 2:30 PM Deep Learning Techniques Overview

**Speaker**

Dr Terao Kazuhiro

### 2:30 – 2:50 PM Machine Learning Techniques on NOvA

**Speaker**

Dr Micah Groh

### 2:50 – 3:10 PM Machine Learning at MINERvA

**Speaker**

Dr Anushree Ghosh

### 3:10 – 3:30 PM Machine Learning in MicroBooNE

**Speaker**

Prof. Taritree Wongjirad

### 3:30 – 3:55 PM Coffee Break

### 3:55 – 4:20 PM Systematics, calibration and analysis techniques in JUNO

**Speaker**

Prof. Jian Tang

### 4:20 – 4:45 PM Systematic errors in Borexino Solar and Geoneutrino Analyses

**Speaker**

Prof. Livia Ludhova Ludhova

### 4:45 – 5:10 PM Systematic Uncertainties for Atmospheric Neutrino Measurements

**Speaker**

Prof. Juan Pablo Yañez

### 5:10 – 5:30 PM Test Beam Experiments for the Future Generation of LBL Experiments

**Speaker**

Stefania Bordoni

5:30 PM

## Fri, November 2

2:00 PM

### Systematics and Analysis technique Parallel

Session | Location: UBC Robson Square, Theatre (Room C300), 800 Robson St, Vancouver, BC V6Z 3B7

2:00 – 2:30 PM

#### Neutrino Interaction Uncertainties in Long Baseline Oscillation Experiments

**Speaker**

Dr Chris Marshall

2:30 – 2:55 PM

#### DUNE Analysis Methods and Systematic Uncertainties

**Speaker**

Dr Christopher Backhouse

2:55 – 3:20 PM

#### Systematics in Hyper-Kamiokande experiment

**Speaker**

Tomoyo Yoshida

3:20 – 3:45 PM

#### Analysis and Systematic Uncertainty Experience from MicroBooNE

**Speaker**

Mr Salvatore Davide Porzio

3:45 – 4:10 PM

#### Coffee Break

4:10 – 4:35 PM

#### Uncertainties from Neutrino Interactions at T2K

**Speaker**

Kevin McFarland

4:35 – 5:00 PM

#### Details of Systematic Uncertainties at NOvA

**Speaker**

Dr Louise Suter

5:00 – 5:25 PM

#### Interaction Modeling Uncertainties at MINERvA

**Speaker**

Kevin McFarland

5:30 PM