**Session Program**

**7–9 Nov 2019**



# International Workshop on Next generation Nucleon Decay and Neutrino Detectors (NNN19)

## *Parallel session: Systematics and Analysis Techniques*

Universidad de Medellin - Colombia, Building 11
https://goo.gl/maps/UKQb2Ns2XMKndax18

# Thursday 7 November

14:00

## Parallel session: Systematics and Analysis Techniques
**Session** | **Location:** UdeM Campus, Building 11, Auditorium 3 | **Convener:** Prof. Andrew Mastbaum

### 14:00–14:30
**Machine Learning and Computer Vision for Modern Particle Imaging Neutrino Detectors**

**Speaker**
Dr François Drielsma

### 14:30–14:55
**Machine learning techniques to enhance water Cherenkov reconstruction**

**Speaker**
Nick Prouse

### 14:55–15:20
**New constraints on neutrino electric millicharge from elastic neutrino-electron scattering and coherent elastic neutrino-nucleus scattering**

**Speaker**
Alexander Parada Valencia

### 15:20–16:00 Coffee Break

### 16:00–16:25 ICARUS

**Speaker**
Biswaranjan Behera

### 16:25–16:50 Recent Cross-section Measurements from MicroBooNE

**Speaker**
Sebastien Prince

### 16:50–17:15 Status of the MicroBooNE Low-energy Excess Search

**Speaker**
Mr Ivan Caro Terrazas

### 17:15–17:40 MeV-Scale Physics in LArTPCs

**Speaker**
Ivan Lepetic

18:00