

## **Session Program**

**22-25 Jan 2019**



## **PHYSTAT-nu 2019**

### ***Contributed talks session***

CERN

Tuesday 22nd 1:30-4pm : Course - TH Auditorium (4-3-006) Tuesday 22nd 5pm: Bayesian Techniques -  
Filtration Plant (222-R-001) Wed 23rd: Filtration plant (222-R-001) Thurs 24th: Filtration plant (222-  
R-001) Friday 25th: Council Chamber (503-1-001)

# Friday 25 January

11:40

## Contributed talks session

**Session** | **Location:** CERN, 503/1-001 - Council Chamber

11:40-11:55

### Machine Learning methods for JUNO Experiment

**Speaker**

Yu Xu

11:55-12:10

### Simulating Light in Large Volume Detectors Using Metropolis Light Transport

**Speaker**

Gabriel Collin

12:10-12:25

### A GPU-based framework for multi-variate analysis in particle physics

**Speakers**

Xuefeng Ding, Xuefeng Ding

12:30

14:00

## Contributed talks session: Contributed talks session

**Session** | **Location:** CERN, 503/1-001 - Council Chamber

14:00-14:25

### Efficient Neutrino Oscillation Parameter Inference with Gaussian Processes

**Speaker**

Bannanje Nitish Nayak

14:25-14:50

### Reflections on the 20th year of Feldman-Cousins: Hypothesis testing of a point null vs a continuous alternative

**Speakers**

Robert Cousins Jr, Robert Cousins Jr

15:00