

Session Program

16-20 Jul 2018

**10th International Workshop on Boosted
Object Phenomenology, Reconstruction and
Searches in HEP (BOOST 2018)**

Machine Learning

Paris, Charpak Amphitheater
UPMC (Jussieu) Campus

Tuesday 17 July

14:30

Machine Learning

Session | **Location:** Paris, Charpak Amphitheater, UPMC (Jussieu) Campus

14:30-14:55

Novel Jet Observables from Machine Learning

Speaker

Kaustuv Datta

14:55-15:20

How to train taggers on data

Speaker

Jennifer Thompson

15:20-15:45

Learning to Classify from Impure Samples with High-Dimensional Data

Speakers

Ben Nachman, Eric Metodiev, Patrick Komiske

15:45-16:10

CWoLa Hunting

Speaker

Jack Collins

16:10

Thursday 19 July

11:10

Machine Learning

Session | **Location:** Paris, Charpak Amphitheater, UPMC (Jussieu) Campus

11:10-11:35 **Study of Recursive Neural Networks in Jet Tagging**

Speaker

Dr Taoli Cheng

11:35-12:00

JUNIPR: a Framework for Unsupervised Machine Learning in Particle Physics

Speaker

Christopher Frye

12:00-12:25

Fast inference of deep neural networks in FPGAs for particle physics

Speaker

Jennifer Ngadiuba

12:25