

Session Program

16-20 Jul 2018

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

Calculations

Paris, Charpak Amphitheater
UPMC (Jussieu) Campus

Monday 16 July

16:35

Calculations

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

16:35–17:00 **Improving the Simulation of Quark and Gluon Jets with Herwig 7**

Speaker

Andrzej Konrad Siodmok

17:00–17:25

Quark jet rates and quark gluon discrimination in multi-jet final states

Speaker

Dr Yasuhito Sakaki

17:25–17:50

How the parton shower cutoff affects the heavy quark mass parameter

Speaker

Daniel Samitz

17:50–18:15

Infrared Safety of a Neural-Net (Machine Learning) Top Tagging Algorithm

Speaker

Seung Joon Lee

18:15

Wednesday 18 July

09:00

Calculations

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

09:00–09:25 **Nonperturbative Effects in Groomed Event Shapes**

Speaker

Dr Aditya Pathak

09:25–09:50 **Calculating the Pull Angle**

Speaker

Andrew Larkoski

09:50–10:15 **Top taggers : an analytical perspective**

Speaker

Marco Guzzi

10:15–10:40 **Soft Gluons and Non-global Observables**

Speaker

Prof. Mike Seymour

10:40