

**Session Program**

**Aug 2 - 5, 2021**

**BOOST 2021 : 13th International Workshop on  
Boosted Object Phenomenology,  
Reconstruction and Searches in HEP**

***ML : Pileup Mitigation + Jet Tagging***

Online

# Mon, August 2

5:20 PM

## ML : Pileup Mitigation + Jet Tagging

Session | Location: Online | Convener: Teng Jian Khoo

17:20 - 17:35 **Safely Eating Junk: Pileup and Infrared Radiation Annihilation**

**Speaker**

Samuel Alipour-fard

17:35 - 17:50

**Semi-supervised machine learning for pileup per particle identification at the LHC with Graph Neural Networks**

**Speaker**

Yongbin Feng

17:50 - 18:05 **Jet tagging in the Lund plane with graph networks**

**Speaker**

Frederic Alexandre Dreyer

6:05 PM