



# BOOST 2017

## Monday, July 17, 2017

### Algorithms (4:30 PM - 5:30 PM)

time	[id] title	presenter
4:30 PM	[45] Jet Fragmentation and Fractal Observables	ELDER, Benjamin
5:00 PM	[46] Recursive Soft Drop	DREYER, Frederic Alexandre

# Tuesday, July 18, 2017

## Algorithms: Quarks and Gluons (4:00 PM - 6:00 PM)

time	[id] title	presenter
4:00 PM	[44] Casimir Meets Poisson: Improved Quark/Gluon Discrimination with Counting Observables	FRYE, Christopher
4:30 PM	[47] Quark/Gluon Discrimination with Jet-Images and Deep Learning	KOMISKE, Patrick
5:00 PM	[55] ATLAS quark/gluon tagging	RUBBO, Francesco
5:30 PM	[56] CMS quark/gluon tagging	TAKAHASHI, Yuta TAKAHASHI, Yuta

# Wednesday, July 19, 2017

## Algorithms (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[28] Small R jet reconstruction and calibration algorithms (ATLAS)	LOCH, Peter
9:30 AM	[29] Jet energy scale and resolution measurements at CMS	KARAVDINA, Anastasia KARAVDINA, Anastasia
10:00 AM	[30] Large R jet reconstruction and calibration algorithms (ATLAS)	TAENZER, Joe

## Algorithms (11:00 AM - 12:30 PM)

time	[id] title	presenter
11:00 AM	[31] W/H tagging in CMS	AARRESTAD, Thea AARRESTAD, Thea
11:30 AM	[32] W/Top/H tagging in ATLAS	NORJOHARUDEEN, Nurfikri
12:00 PM	[33] Top tagging at CMS	DREYER, Torben DREYER, Torben

## Algorithms: Machine Learning (2:00 PM - 4:30 PM)

time	[id] title	presenter
2:00 PM	[1] B-tagging without tracks in highly boosted TeV Jets using an Artificial Neural Network	HUFFMAN, Todd Brian
2:30 PM	[61] Deep-learning Top Taggers and No End to QCD	KASIECZKA, Gregor
3:00 PM	[57] Identification of boosted top quarks and W bosons with Machine learning in ATLAS	MAJERSKY, Oliver
3:30 PM	[58] Machine Learning at CMS	KIESELER, Jan KIESELER, Jan
4:00 PM	[49] Pileup Mitigation with Machine Learning	METODIEV, Eric

# Thursday, July 20, 2017

## Algorithms: Pileup (9:00 AM - 10:30 AM)

time	[id] title	presenter
9:00 AM	[52] Soft Puppi	ROLOFF, Jennifer Kathryn
9:30 AM	[35] Pileup mitigation (ATLAS)	ROLOFF, Jennifer Kathryn
10:00 AM	[36] Pile up mitigation in CMS jets and MET objects	VESTERBACKA, Leonora VESTERBACKA, Minna Leonora