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# Machine Learning at LHC

## Tuesday 04 February 2020

### invited talks: Introduction of Machine Learning (14:00-15:30)

time	title	presenter
14:00	Introduction of Machine Learning	SHIH, David

### invited talks: slot 1 - (16:00-17:15)

time	title	presenter
16:00	Detecting New Physics as Novelty (remote talk)	LIU, Tao

## Wednesday 05 February 2020

### **invited talks: slot1 (09:00-10:15)**

time	title	presenter
09:00	Machine Learning in the Wild: Applications on ATLAS	KAGAN, Michael

### **invited talks: slot1 (10:45-12:00)**

time	title	presenter
10:45	Overview of Machine Learning Activities at Belle II	WEHLE, Simon

### **invited talks: slot1 (14:00-15:15)**

time	title	presenter
14:00	New Approaches to Anomaly Detection	SHIH, David

### **invited talks: slot1 (15:45-17:00)**

time	title	presenter
15:45	The frontier of simulation-based inference	BREHMER, Johann

# Thursday 06 February 2020

## **invited talks: talks (09:00-10:15)**

time	title	presenter
09:00	Extracting the most from collider data with deep learning	NACHMAN, Benjamin

## **invited talks: talks (10:45-12:00)**

time	title	presenter
10:45	Seeing the Milky Way halo through Gaia's eyes with ML	FREYTSIS, Marat

# Friday 07 February 2020

## **invited talks: talks (09:00-10:15)**

time	title	presenter
09:00	LHC Classification	PLEHN, Tilman

## **invited talks: talks (10:45-12:00)**

time	title	presenter
10:45	Generative machine learning methods for LHC applications	BUTTER, Anja