



# Phenomenology 2020 Symposium

## Monday 4 May 2020

### Plenary: I (08:40 - 10:30)

-Conveners: Marc Sher

time	[id] title	presenter
08:40	[1074] Welcome	Prof. BLEE, Kathy
08:45	[1075] LHC update: New results, new techniques, and new ideas	QIAN, Jianming
09:20	[1076] Prospects for LHC and HL-LHC physics	CANEPA, Anadi
09:55	[1077] Physics at hadron colliders	PLEHN, Tilman

### Plenary: II (11:00 - 12:45)

-Conveners: Hooman Davoudiasl

time	[id] title	presenter
11:00	[1078] Developments in cosmological measurements	RIESS, Adam
11:35	[1079] Multi-messenger probes for fundamental physics	HOLZ, daniel
12:10	[1080] Cosmology and new physics	Prof. WATSON, Scott

## Tuesday 5 May 2020

### **Plenary: III (08:45 - 10:30)**

-Conveners: Susanne Westhoff

time	[id] title	presenter
08:45	[1081] Muon physics at FNAL	KASPAR, Jarek
09:20	[1082] News from neutrino experiments	DI LODOVICO, Francesca
09:55	[1083] Neutrino physics: the theory and phenomenology	MACHADO, Pedro

### **Plenary: IV (11:00 - 12:45)**

-Conveners: Shufang Su

time	[id] title	presenter
11:00	[1084] Physics Highlights from LHCb	MUELLER, Katharina
11:35	[1085] Physics at the Electron-Ion Collider (EIC)	Dr QIU, Jianwei
12:10	[1086] BSM Opportunities at the LHC	LIU, Zhen

# Wednesday 6 May 2020

## **Plenary: V (08:45 - 10:30)**

-Conveners: Christopher Kolda

time	[id] title	presenter
08:45	[1087] New Physics at the TeV Scale	REECE, Matthew
09:20	[1088] What is the Dark Matter?	PROFUMO, Stefano
09:55	[1089] Axion physics	RINGWALD, Andreas

## **Plenary: VI (11:00 - 12:45)**

-Conveners: Raman Sundrum

time	[id] title	presenter
11:00	[1090] Quantum computing	SAVAGE, Martin
11:35	[1091] Some new thoughts on the hierarchy problem	ARKANI-HAMED, Nima
12:10	[1092] Strategy in pursuing high energy physics	GROJEAN, Christophe