### **Session Program**

29 March 2021 to 1 April 2021



# X NExT PhD Workshop

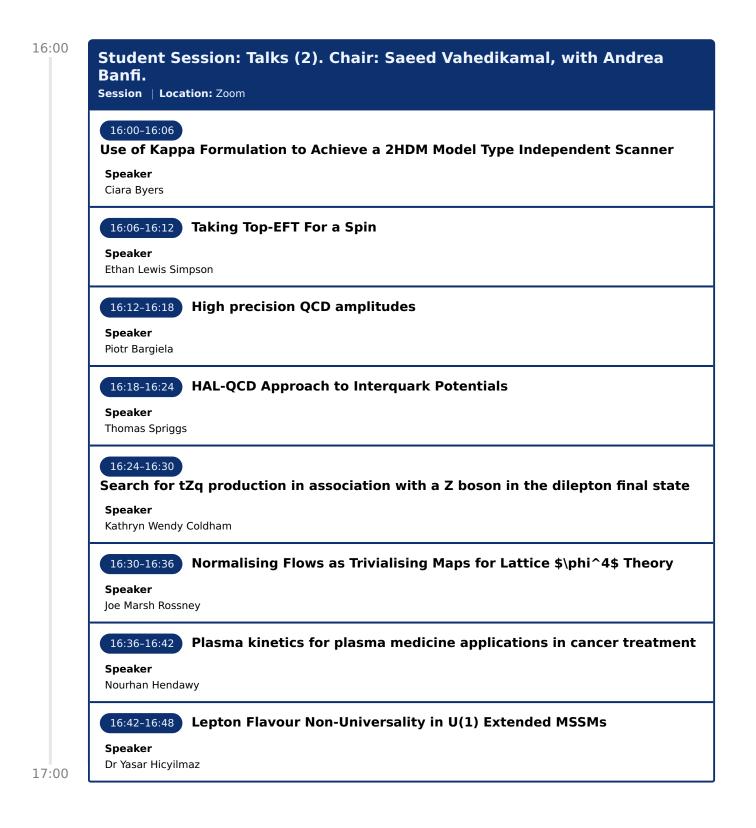
# **Student Session**

Zoom

## Monday 29 March

Student Session: Talks (1). Chair: Nourhan Hendawy, with Stefano Moretti. Session   Location: Zoom	
16:35-16:41 Speaker Hannah Banks	Charting the Fifth Force Landscape
16:41-16:47 Speaker Matteo Sergola	Quantum Amplitudes and Classical Gravity
16:47-16:53 Speaker Vlad Mandric	Do we really need to fix the gauge?
16:53-16:59 <b>Speaker</b> Mr Ryan Wood	Leading Hadronisation Corrections
16:59-17:05 Speaker Alessandro Baro	Twisted Boundary Conditions in Lattice QCD
17:05-17:11 Speaker Arran Charles Fre	Exploring Multilepton Signatures From Dark Matter at the LHC
17:11-17:17 Speaker Joe Davies	Using Machine Learning to find Dark Matter
17:17-17:23 Speaker Thomas Harvey	Model Building with Reinforcement Learning
17:23-17:29 Speaker Saeed Vahedikar	New Technique for Space Debris Identification and Tracking

#### Wednesday 31 March



#### **Thursday 1 April**

