

Session Program

9-11 May 2022



Phenomenology 2022 Symposium: From Virtual to Real

QCD&EW I

University of Pittsburgh
Pittsburgh, PA 15260

Monday 9 May

16:30

QCD&EW I

Session | Location: Lawrence Hall 106 | Convener: John Allison

16:30-16:45 Systematics of U-spin Amplitude Sum Rules

Speaker
Margarita Gavrilova

16:45-17:00 Higher-Order Electroweak Contributions to Indirect CP Violation

Speaker
Zachary Polonsky

17:00-17:15 Electroweak Higgs Boson Production with Precision

Speaker
Terrance Figy

17:15-17:30 Optimal Transport for Jet Physics

Speaker
Ms Tianji Cai

17:30-17:45 Precise predictions for massive charm production with a W boson

Speaker
Adam Kardos

17:45-18:00
On the interference of ggH and c̄cH Higgs production mechanisms and the determination of charm Yukawa coupling at the LHC

Speaker
Jérémie Quarroz

18:00-18:15
Searches for new phenomena in final states with 3rd generation quarks using the ATLAS detector

Speaker
Paul Philipp Gadow

18:15-18:30 Higgs boson decay to J/ψ via $c\bar{c}$ -quark fragmentation

Speaker
Yang Ma

18:30