

Dark Matter @ LHC 2020 (DM@LHC)

Tuesday, June 2, 2020

Tuesday: Session 1: Introduction + simplified models (2:00 PM - 3:30 PM)

-Conveners: Stefan Vogl; Katherine Pachal

time	[id] title	presenter
2:00 PM	[10] Welcome and Introduction	BEHR, Janna Katharina
2:20 PM	[11] Dark Matter Working Group report (15'+5')	BRANDT, Oleg
2:40 PM	[12] Simplified models: s-channel (15'+5')	FREER, Chad Wells
3:00 PM	[13] A universal framework for t-channel dark matter models (15'+5')	ARINA, Chiara
3:20 PM	[44] Interference effects in dilepton resonance searches for Z' bosons and dark matter mediators (8'+2')	SCHULTE, Stefan

Tuesday: Session 2: Dark matter and Higgs (4:00 PM - 5:30 PM)

-Conveners: Ulrich Andreas Haisch; Lailin Xu

time	[id] title	presenter
4:00 PM	[14] Invisible Higgs decays (15'+5')	MILOSEVIC, Vukasin
4:20 PM	[6] The Inert Doublet Model at current and future colliders (15' + 5')	ROBENS, Tania Natalie
4:40 PM	[16] A less simplified model: 2HDM+pseudoscalar (15'+5')	BJOERKE, Kristian
5:00 PM	[17] Theory overview (25'+5')	MURAYAMA, Hitoshi