

Session Program

13-17 May 2024



Roadmap of Dark Matter models for Run 3

Dark Higgs

CERN, 40/S2-D01 - Salle Dirac

Thursday 16 May

14:00

Dark Higgs

Session | **Location:** CERN, 40/S2-D01 - Salle Dirac | **Conveners:** Felix Kahlhoefer, Matteo Cremonesi

14:00–14:30 **Theory and Motivation of dark Higgs Bosons [25+5]**

Speaker

Dr Giorgio Arcadi

14:30–14:50 **Searches for Dark Higgs Bosons at ATLAS [15+5]**

Speaker

Mr Changqiao Li

14:50–15:10 **Searches for Dark Higgs Bosons at CMS [15+5]**

Speakers

Alicia Calderon Tazon, Alicia Calderon tazon

15:10–15:30 **Review of Benchmark Models Used for Z'+MET Searches [15+5]**

Speaker

Even Simonsen Haaland

15:30–16:00 **Coffee break**

16:00–16:30 **Searches for Extra Higgs Bosons and the 95 GeV Excess [25+5]**

Speaker

Thomas Biekötter

16:30–16:50 **Light Higgs Bosons ATLAS+CMS [15+5]**

Speaker

Pallabi Das

16:50–17:10

Search for inelastic dark matter in association with a dark Higgs boson at Belle II [15+5]

Speaker

Patrick Ecker

17:10–18:00 **Discussion Session - Presentation of Dark Higgs Results**

Speaker

Felix Kahlhoefer

18:00