

Session Program

18 December 2017

LHC Dark Matter WG public meeting

New ideas

CERN, 40/S2-D01 - Salle Dirac

Monday 18 December

11:00

New ideas: Morning

Session | **Location:** CERN, 40/S2-D01 - Salle Dirac

11:00–11:20 **LLP Community ideas towards dark sector benchmarks and search**

Speaker

James Beacham

11:40–12:00 **Simplified likelihoods**

Speaker

Matthew Daniel Citron

12:00–12:10 **Tools for relic density calculations in freeze-in scenarios**

Speakers

Andreas Goudelis, Mr Bryan Zaldivar, Genevieve Belanger

12:15

13:30

New ideas: Afternoon short talks

Session | **Location:** CERN, 40/S2-D01 - Salle Dirac

13:30–13:40 **Dark matter studies for HL-LHC and HE-LHC**

Speaker

Monica D'Onofrio

13:45–13:55 **Simplified models for LLP searches**

Speaker

Tien-Tien Yu

14:00–14:10 **DM phenomenology at the LHC with decays outside the detector**

Speaker

Doojin Kim

14:15–14:25 **Comparisons to ID for Vector and Axial Vector models**

Speaker

Linda Carpenter

14:30

16:20

New ideas: Afternoon

Session | **Location:** CERN, 40/S2-D01 - Salle Dirac

16:20–16:40 **LHCb dark sector results**

Speaker

J Michael Williams

16:45