

Session Program

16-20 May 2022

The 10th Annual
Large Hadron Collider Physics Conference
May 16-21, 2022



10th Edition of the Large Hadron Collider Physics Conference

BSM 2 - Feeble Interactions

Monday 16 May

17:00

BSM 2 - Feeble Interactions: Dark matter

Session | Conveners: Federico Leo Redi, Hyun Min Lee

17:00-17:20

Theory overview on dark matter portals

Speaker

Doojin Kim

17:25-17:45

Theory overview on dark showers

Speaker

Nishita Desai

17:50-18:10

Searches for displaced jets at the LHC

Speaker

Mohamed Darwish

18:15-18:35

Searches for displaced vertices at the LHC

Speaker

Louis Henry

18:45

Tuesday 17 May

14:15

BSM 2 - Feeble Interactions: Dedicated LLP experiments at LHC and beyond

Session | **Conveners:** Emma Torro Pastor, Felix Kling

14:15-14:35 Status of the MATHUSLA, CODEX and ANUBIS experiments

Speaker

Louis Henry

14:40-15:00 Status of the FASER and SND@LHC experiments

Speaker

Ke Li

15:05-15:25 Dedicated LLP experiments beyond the LHC

Speaker

Laura Molina Bueno

15:30-15:50 Theory overview on millicharged particles and monopoles

Speaker

Yu-Dai Tsai

15:55-16:15 Status of the MilliQan and MOEDAL experiments

Speaker

Michael William Carrigan

16:30

Thursday 19 May

14:15

BSM 2 - Feeble Interactions: BSM 2 session 3

Session | Conveners: Emma Torro Pastor, Juliette Alimena

14:15-14:35 **Theory overview on ALPs**

Speaker

Diego Redigolo

14:40-15:00 **Searches for charged long-lived particles at the LHC**

Speaker

Hideyuki Oide

15:05-15:25

Searches for non-hadronic displaced objects not from a common vertex at the LHC

Speaker

Marjorie Shapiro

15:30-15:50 **Prospects for LLPs searches at the LHC in Run 3 and HL-LHC**

Speaker

Lesya Shchutska

16:00