Session Program

3-7 Jun 2024



12th Edition of the Large Hadron Collider Physics Conference

BSM-2 Feeble Interactions

Boston, USA Northeastern University, Boston, USA

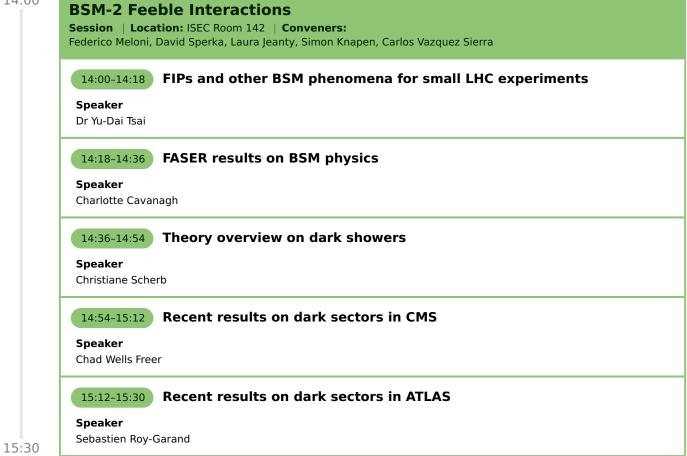
Monday 3 June

14:00

BSM-2 Feeble Interactions Session | **Location:** ISEC Room 138 | **Conveners:** Federico Meloni, Laura Jeanty, Carlos Vazquez Sierra, Simon Marte J Knapen, David Sperka 14:00-14:18 Theory of light BSM particles at the LHC Speaker Andrea Thamm 14:18-14:36 Search for low-mass axion-like particles at LHCb Speaker Blaise Raheem Delaney 14:36-14:54 Recent results on prompt searches in ATLAS Speaker Nicola De Biase 14:54-15:12 Recent results on prompt searches in CMS Speaker Carlos Francisco Erice Cid 15:12-15:30 Recent results on light mediators searches in ATLAS Speaker Zirui Wang 15:30

Thursday 6 June

14:00



Friday 7 June

11:00

BSM-2 Feeble Interactions: BSM1 + BSM2

Session | **Location:** ISEC Room 102 | **Conveners:**

David Sperka, Simon Knapen, Laura Jeanty, Simon Knapen, Dr José Francisco Zurita, Johan Bonilla, Carlos Vazquez Sierra, Federico Meloni, Oliver Stelzer-Chilton

11:00-11:18 Heavy Neutral Leptons: Theoretical Overview

Speaker

Juraj Klaric

11:18-11:36 HNLs at CMS

Speaker

Leonardo Lunerti

11:36-11:54 HNLs at LHCb

Speaker

Louis Henry

11:54-12:12 HNLs at ATLAS

Speaker

Gareth Bird

12:30 14:00

BSM-2 Feeble Interactions

Session | Location: ISEC Room 102 | Conveners:

Simon Knapen, Laura Jeanty, Federico Meloni, Carlos Vazquez Sierra, David Sperka

14:00-14:18 Theory overview on long-lived particles

Speaker

Elias Bernreuther

14:18-14:36 Recent results on LLPs in ATLAS

Speaker

Ismet Siral

14:36-14:54 Recent results on LLPs with hadronic final states in CMS

Speaker

Raphael Julien Haberle

14:54-15:12 Recent results on LLPs from displaced vertices in ATLAS

Speaker

Cristiano Sebastiani

15:12-15:30 Recent results on LLPs with (semi)leptonic final states in CMS

Speaker

Anna Mascellani

15:30