

Session Program

3-7 Jun 2024



12th Edition of the Large Hadron Collider Physics Conference

Flavor Physics

Boston, USA
Northeastern University, Boston, USA

Monday 3 June

14:00

Flavor Physics: Flavor + QCD

Session | Location: ISEC Room 142 | Conveners:
Peter Onyisi, Eleftheria Malami, Dr Nicole Skidmore, Francesca Cavallari, Dr Andrea Dubla

14:00-14:18 Heavy flavor spectroscopy studies at LHCb

Speaker
Paolo Gandini

14:18-14:36 Heavy flavor spectroscopy studies at CMS

Speaker
Kai Yi

14:36-14:54 Heavy flavor spectroscopy studies at Atlas

Speaker
Vincenzo Canale

14:54-15:12 Theory perspectives on doubly-heavy flavor tetraquarks

Speaker
Randy Lewis

15:12-15:30 The Pentaquark Spectrum from Fermi Statistics

Speakers
Antonio Davide Polosa, Antonio Davide Polosa, Antonio Polosa

15:30

Tuesday 4 June

11:00

Flavor Physics

Session | **Location:** ISEC Room 140 | **Conveners:**

Francesca Cavallari, Eleftheria Malami, Dr Nicole Skidmore, Peter Onyisi, Dr Andrea Dubla

11:00–11:18

Status of the global $b \rightarrow s \ell \ell$ fits

Speakers

Bernat Capdevila, Bernat Capdevila

11:18–11:36

LFV and related rare decays at Atlas and CMS

Speaker

Marc Huwiler

11:36–11:54

LFU measurements and flavour anomalies at LHCb

Speaker

Guillaume Pietrzyk

11:54–12:12

Rare and forbidden decays

Speaker

Zhangqier Wang

12:12–12:30

Rare and forbidden decays at LHCb

Speaker

Fernando Jesus Abudinen Gallego

12:30

14:00

Flavor Physics

Session | **Location:** Dana 114 | **Conveners:**

Dr Andrea Dubla, Eleftheria Malami, Peter Onyisi, Francesca Cavallari, Dr Nicole Skidmore

14:00–14:18

CPV and lifetime measurements from CMS

Speaker

Enrico Lusiani

14:18–14:36

Time dependent CPV at LHCb

Speaker

Daniele Manuzzi

14:36–14:54

Lifetime measurements from Atlas

Speaker

Andrew Wharton

15:00

Wednesday 5 June

11:00

Flavor Physics

Session | **Location:** Dana 114 | **Conveners:**

Francesca Cavallari, Dr Andrea Dubla, Dr Nicole Skidmore, Peter Onyisi, Eleftheria Malami

11:00-11:18

Recent results from the NA62 experiment

Speaker

Radoslav Marchevski

11:18-11:36

A new puzzle in non-leptonic B decays

Speaker

Gilberto Tetlalmatzi-Xolocotzi

11:36-11:54

Determination of the $B \rightarrow \pi \pi$ penguin over Tree Ratio

Speaker

Margarita Gavrilova

11:54-12:12

Hadronic and semi-leptonic decays of charm baryons

Speaker

Chong Kim

12:12-12:30

Time independent CPV at LHCb

Speaker

Dr Michael Kent Wilkinson

12:30

14:00

Flavor Physics: Flavor + QCD

Session | **Location:** ISEC Room 140 | **Conveners:**

Dr Heikki Mäntysaari, Peter Onyisi, Mengzhen Wang, Michael Pitt, Eleftheria Malami, Dr Andrea Dubla, Francesca Cavallari, Dr Nicole Skidmore, Yaxian Mao, Dilia Maria Portillo Quintero

14:00-14:18

Heavy-flavor production and hadronization at the LHC: experimental status and perspectives from LHC experiments

Speaker

Victor Jose Gaston Feuillard

14:18-14:36

Heavy-flavour polarization measurements

Speakers

Victor Jose Gaston Feuillard, Xiaozhi Bai

14:36-14:54

Heavy-flavor jet production and substructures

Speakers

Lida Kalipoliti, Matthew Nguyen

15:30