

Session Program

3-7 Jun 2024



12th Edition of the Large Hadron Collider Physics Conference

Electroweak Physics

Boston, USA
Northeastern University, Boston, USA

Tuesday 4 June

11:00

Electroweak Physics

Session | **Location:** ISEC Room 142 | **Conveners:**

Davide Napoletano, Oldrich Kepka, Garvita Agarwal, Edith Zinhle Buthelezi, Dr Nathan Grieser

11:00–11:18

Precision electroweak measurements in CMS

Speaker

Yongbin Feng

11:18–11:36

On electroweak corrections to neutral current Drell-Yan

Speaker

Clara Del Pio

11:36–11:54

Precision electroweak measurements in ATLAS

Speaker

Alexander Bachiu

11:54–12:12

W mass: theory overview

Speaker

Giuseppe Bozzi

12:12–12:30

Electroweak Precision Measurements in LHCb

Speaker

Miguel Ramos Pernas

12:30–12:48

PDFs for precision measurements at the LHC

Speaker

Maria Ubiali

12:48

14:00

Electroweak Physics: EWK + QCD + Future

Session | **Location:** ISEC Room 142 | **Conveners:**

Dr Nathan Grieser, Edith Zinhle Buthelezi, Garvita Agarwal, Oldrich Kepka, Davide Napoletano

14:00–14:18

Rare decays of electroweak bosons at CMS and ATLAS

Speaker

Keith Ulmer

14:18–14:36

Overview of neutrino studies at FASER

Speaker

Daniela Koeck

14:36–14:54

Overview of neutrino studies at SND

Speaker

Christopher Betancourt

14:54–15:12

Electroweak precision measurements in heavy ion and UPC collisions at LHC

Speaker

Dr Georgios Krintiras

15:12-15:30

QCD & neutrino physics for small LHC experiments (Theory)

Speaker

Juan Rojo

15:30

Friday 7 June

11:00

Electroweak Physics

Session | **Location:** ISEC Room 138 | **Conveners:**

Garvita Agarwal, Davide Napoletano, Oldrich Kepka, Francesca Cavallari, Dr Nathan Grieser

11:00-11:18

Diboson and polarization measurements in ATLAS

Speaker

Prajita Bhattarai

11:18-11:36

Dibosons and polarization measurements in CMS

Speaker

Giulia Sorrentino

11:36-11:54

Theory of diboson production

Speaker

Diana Mareen Hoppe

11:54-12:12

Experimental overview of VBS/VBF measurements at the LHC

Speaker

Pietro Govoni

12:12-12:30

Theory overview of EFT in the electroweak sector

Speaker

Raquel Gomez Ambrosio

12:30-12:48

Experimental overview of EFT, including global fit (EWK+Higgs+Top)

Speaker

Aram Apyan

12:48