

## Session Program

May 25 - 30, 2020



## 8th Edition of the Large Hadron Collider Physics Conference

*Upgrades & Future*

# Mon, May 25

3:00 PM

## Upgrades & Future: Technologies and Use of Timing for High-Luminosity Physics

Session | Location: | Conveners: Sarah Marie Demers Konezny, Jan Kieseler, Jochen Klein, Blake Leverington

15:00 - 15:18

### Perspectives for particle identification in ALICE using silicon-based timing detectors

**Speaker**

Roberto Preghenella

15:18 - 15:36

### Timing at LHCb post LS4

**Speaker**

Christopher Betancourt

15:36 - 15:54

### Timing for the ATLAS Phase-II Upgrade

**Speaker**

Dr Djamel Eddine Boumediene

15:54 - 16:12

### Timing for the CMS Phase-II Upgrade

**Speaker**

Pablo Martinez Ruiz Del Arbol

4:30 PM

## Tue, May 26

2:45 PM

### Upgrades & Future: Conceptually new analyses and measurement strategies

**Session** | **Location:** | **Conveners:** Sarah Marie Demers Konezny, Jan Kieseler, Blake Leverington, Jochen Klein

14:45 - 15:03 **Accessing HH at ATLAS and CMS with the HL-LHC**

**Speaker**

Rafael Teixeira De Lima

15:03 - 15:21 **Vector Boson Scattering at ATLAS and CMS with the HL-LHC**

**Speaker**

Sandhya Jain

15:21 - 15:39 **Physics perspectives for LHCb beyond Run-4**

**Speaker**

Nicola Neri

15:39 - 15:57 **Physics perspectives for ALICE in Run-4**

**Speaker**

Fabrizio Grosa

4:15 PM

# Thu, May 28

2:45 PM

## Upgrades & Future: Future Colliders

**Session** | **Location:** | **Conveners:** Sarah Marie Demers Konezny, Jochen Klein, Jan Kieseler, Blake Leverington

**14:45 - 15:09** **Physics perspectives with hadron colliders**

**Speaker**  
Michele Selvaggi

**15:09 - 15:33** **Physics perspectives with lepton colliders (e+e- and muon)**

**Speaker**  
Andrea Wulzer

**15:33 - 15:57** **Possible realizations of future colliders**

**Speaker**  
Daniel Schulte

4:15 PM

# Fri, May 29

2:15 PM

## Upgrades & Future: Smaller LHC Experiments

**Session | Location: | Conveners:**  
Gabriella Catanesi, Jan Kieseler, Sarah Marie Demers Konezny, Jochen Klein, Blake Leverington

**14:15 - 14:33 LHCf, detector and physics**

**Speaker**  
Alessio Tiberio

**14:33 - 14:51 TOTEM, detector and physics**

**Speaker**  
Francesco Cafagna

**14:51 - 15:09**

**The MoEDAL Experiment - The LHC's First Dedicated Search Experiment - Results and Future Plans**

**Speaker**  
Ameir Shaa Bin Akber Ali

**15:09 - 15:27 FASER, detector and physics**

**Speaker**  
Zhen Hu

3:45 PM