

Session Program

3-7 Jun 2024



12th Edition of the Large Hadron Collider Physics Conference

Upgrades

Boston, USA
Northeastern University, Boston, USA

Wednesday 5 June

11:00

Upgrades

Session | **Location:** ISEC Room 140 | **Conveners:**
Prof. Stefania Maria Beole, Anna Sfyrla, Louise Skinnari, Elena Dall'Occo

11:00-11:18 **Large area monolithic pixel detectors**

Speaker
Domenico Colella

11:18-11:36 **Detectors with timing capabilities**

Speaker
Timothy David Evans

11:36-11:54 **Read-out developments for HL-LHC**

Speaker
Jeroen Hegeman

11:54-12:12 **Novel triggering strategies (HW and SW) at the HL-LHC**

Speaker
Marco Zanetti

12:12-12:30 **Computing at the HL-LHC and beyond**

Speaker
Robert William Gardner Jr

12:30-12:48 **On-detector particle identification at the HL-LHC**

Speaker
STEFANIA BUFALINO

12:48

Friday 7 June

14:00

Upgrades

Session | **Location:** ISEC Room 142 | **Conveners:**
Louise Skinnari, Elena Dall'Occo, Prof. Stefania Maria Beole, Anna Sfyrta

14:00–14:18

Prospects for light-ion operation at the HL-LHC: machine developments and physics opportunities

Speaker

Reyes Alemany Fernandez

14:18–14:36

Luminosity measurements at the HL-LHC

Speaker

Simone Pagan Griso

14:36–14:54

New ideas for measurements and searches at the HL-LHC

Speaker

Livia Soffi

14:54–15:12

Heavy Ion physics at the HL-LHC experiments

Speaker

Florian Jonas

15:12–15:30

Opportunities in heavy flavour physics at the HL-LHC experiments

Speaker

Vincent Tisserand

15:30