

Session Program

3-7 Jun 2024



12th Edition of the Large Hadron Collider Physics Conference

Future Projects

Boston, USA
Northeastern University, Boston, USA

Tuesday 4 June

11:00

Future Projects: Future + Upgrade + BSM2

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

Stephane Monteil, Federico Meloni, Laura Jeanty, Louise Skinnari, Prof. Stefania Maria Beole, Elena Dall'Occo, Anna Sfyrta, Stefano Zambito, Caterina Vernieri, Christoph Paus, Simon Knapen, David Sperka, Carlos Vazquez Sierra

11:00-11:18

Potential of Colliders beyond the LHC: A Vision

Speakers

Sally Dawson, Sally Dawson, Sally Dawson

11:18-11:36

Physics Analyses Review for Future Higgs Factories

Speaker

Loukas Gouskos

11:36-11:54

Future Colliders from the Accelerator Perspective

Speakers

Emilio Alessandro Nanni, Emilio Nanni

11:54-12:12

Detector Challenges at Future Colliders and recent R&D Highlights

Speaker

Prof. Daniela Bortoletto

12:12-12:30

The EIC Project: Theoretical Motivations and Experimental Challenges

Speaker

Maria Zurek

12:30

Wednesday 5 June

14:00

Future Projects: BSM2 + Upgrades + Future

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

David Sperka, Anna Sfyrla, Rikard Sandstrom, Simon Marte J Knapen, Stefano Zambito, Christoph Paus, Stephane Monteil, Caterina Vernieri, Louise Skinnari, Carlos Vazquez Sierra, Laura Jeanty, Prof. Stefania Maria Beole, Elena Dall'Occo, Federico Meloni

14:00–14:18 **FASER upgrades**

Speaker

Mr Théo Moretti

14:18–14:36 **SND@LHC upgrades**

Speaker

Ettore Zaffaroni

14:36–14:54 **milliQan + FORMOSA**

Speaker

Ryan Schmitz

14:54–15:12 **MoEDAL-MAPP results and upgrades**

Speaker

James Pinfold

15:12–15:30 **CODEX-b(β)**

Speaker

Dr Michael Kent Wilkinson

15:48

Friday 7 June

11:00

Future Projects: Upgrades + Future

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

Louise Skinnari, Anna Sfyrla, Christoph Paus, Elena Dall'Occo, Stefano Zambito, Stephane Monteil, Caterina Vernieri, Prof. Stefania Maria Beole

11:00-11:18

Forward Physics Facility: Proposed Experiments and Prospects

Speaker

Steven Linden

11:18-11:36

PPS at the HL-LHC

Speaker

Enrico Robutti

11:36-11:54

(pro)ANUBIS

Speaker

Anna Jane Mullin

11:54-12:12

SHiP

Speaker

Oliver Lantwin

12:33