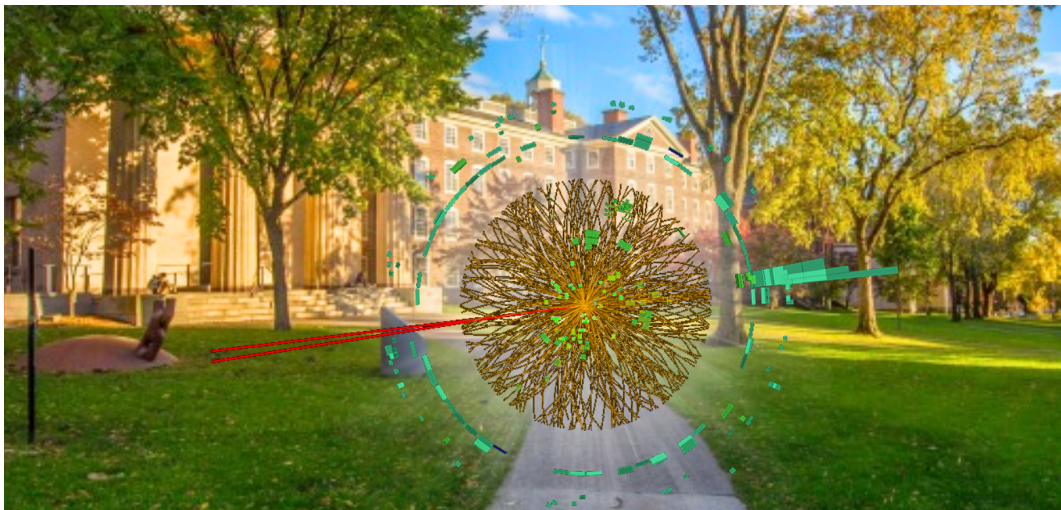


Session Program

27-31 Oct 2025



Higgs 2025

Plenary

Brown University
Rhode Island School of Design (RISD), 20 Washington Pl, Providence, RI 02903, United States

Monday 27 October

12:55

Plenary: 20 Washington Place

Session |

Location: Brown University, Rhode Island School of Design (RISD), 20 Washington Pl, Providence, RI 02903, United States

Co-chairs: Loukas Gouskos, Gaetano Barone

12:55-13:00

Welcome

Speakers

Gaetano Barone, Loukas Gouskos

13:00-13:20

Current big questions Higgs & EWK physics

Speaker

John Alison

13:25-13:50

CMS Highlights

Speaker

Matteo Bonanomi

13:55-14:20

ATLAS Highlights

Speaker

Giovanni Marchiori

14:25-14:50

LHCb Highlights

Speaker

Nathan Grieser

15:00

15:30

Plenary: Plenary

Session |

Location: Brown University, Rhode Island School of Design (RISD), 20 Washington Pl, Providence, RI 02903, United States

Co-chairs: Andreas Papaefstathiou, Hannah Arnold, Andreas Papaefstathiou

16:00-16:25

New developments in Monte Carlo

Speaker

Max Knobbe

16:30-16:55

Di-Higgs production overview

Speaker

Tania Robens

17:00-17:25

The connection between Higgs and flavour

Speaker

Marko Pesut

17:30-17:55

aN³LO PDFs and impact on Higgs predictions

Speaker

Giacomo Magni

18:35

Wednesday 29 October

13:30

Plenary: Plenary

Session |

Location: Brown University, Rhode Island School of Design (RISD), 20 Washington Pl, Providence, RI 02903, United States

Co-chairs: Robert Szafron, Marko Pesut

13:30-13:55

One loop probes in the SMEFT

Speaker

Sally Dawson

14:00-14:25

Solutions to the hierarchy problem through model building

Speaker

Thomas Steingasser

14:30-14:55

HEFT and non-decoupling BSM in Higgs sector

Speaker

Ilaria Brivio

15:00-15:25

Precision measurements at the LHC - cross-section in different production modes, STXS

Speaker

Ximo Poveda Torres

15:30

16:00

Plenary: Plenary

Session |

Location: Brown University, Rhode Island School of Design (RISD), 20 Washington Pl, Providence, RI 02903, United States

Co-chairs: Arelly Cortes-Gonzalez, Emanuele Di Marco

16:00-16:20

Experimental methods (physics objects) in ATLAS

Speaker

Francesco Armando Di Bello

16:20-16:40

Experimental methods (physics objects) in CMS

Speaker

Alessandro Calandri

16:40-16:50

Discussion

16:50-17:15

Rare decays, including 2nd generation fermions, at the LHC

Speaker

Roberto Covarelli

17:15

Thursday 30 October

13:20

Plenary: Plenary

Session |

Location: Brown University, Rhode Island School of Design (RISD), 20 Washington Pl, Providence, RI 02903, United States

Co-Chairpersons: Ilaria Brivio, Arely Cortes-Gonzalez

13:20-13:45

ATLAS and CMS results in EFT in and beyond Higgs Physics

Speaker

Rafael Coelho Lopes De Sa

13:55-14:20

Precision measurements at the LHC - properties: mass and width, couplings, CP, off-shell

Speaker

Linda Finco

14:30-14:55

CPV in the Higgs sector

Speaker

Dorival Gonçalves

15:05-15:30

Non-resonant HH searches and Higgs boson self-coupling at the LHC

Speaker

Liza Brost

15:30

16:00

Plenary: Plenary

Session |

Location: Brown University, Rhode Island School of Design (RISD), 20 Washington Pl, Providence, RI 02903, United States

Co-Chairpersons: Giovanni Marchiori, Michele Selvaggi

16:00-16:20

Experimental methods (analysis techniques) in CMS

Speaker

Alejandro Gomez Espinosa

16:20-16:40

Experimental methods (analysis techniques) in ATLAS

Speaker

Verena Ingrid Martinez Outschoorn

16:40-16:50

Discussion

16:50-17:15

Low-mass new scalars and Higgs decays to BSM particles at the LHC

Speaker

David Sperka

17:20-17:45

High-mass new scalars at the LHC, without H in the final state

Speaker

Ilia Kalaitzidou

17:50-18:15

Experimental Summary For Future Detectors (e+e-)

18:50

Speaker
Chris Palmer

Friday 31 October

09:00

Plenary: Plenary

Session |

Location: Brown University, Rhode Island School of Design (RISD), 20 Washington PI, Providence, RI 02903, United States

Co-chairs: Clara Lavinia Del Pio, Aram Apyan

09:00–09:25

High-mass new scalars at the LHC, with H in the final state

Speaker

Andre Sopczak

09:30–09:55

Higgs and ALPs

Speaker

Alexandre Salas-Bernárdez

10:00–10:25

Higgs and BSM: Future Colliders crossover

Speaker

Benjamin Stefanek

10:30

11:00

Plenary: Plenary

Session |

Location: Brown University, Rhode Island School of Design (RISD), 20 Washington PI, Providence, RI 02903, United States

Co-chairs: Gaetano Barone, Loukas Gouskos

11:00–11:25

Trick or fit? From Higgs couplings to New Physics at future colliders

Speaker

Luca Mantani

11:30–12:15

Higgs, Electroweak and Top physics at future colliders

Speaker

Michele Selvaggi

12:20–12:40

Closing experimental talk

Speaker

Valerio Dao

12:45–12:55

Higgs 2026

Speaker

Henriette Aarup Petersen

13:05

13:00–13:05

Farewell