

Session Program

20-25 Oct 2024

Blois 2024: 35th Rencontres de Blois on "Particle Physics and Cosmology"

Parallel Session Wednesday - Collider: BSM

Gaston d'Orléans

Wednesday 23 October

16:30

Parallel Session Wednesday - Collider: BSM

Session | **Location:** Salle Gaston d'Orléans | **Convener:** Joshua Thomas Ruderman

16:30–16:50

Beyond the Standard Model in the Higgs sector

Speaker

Elizaveta Cherepanova

16:50–17:10

Probing the nature of electroweak symmetry breaking with Higgs boson pairs in ATLAS

Speaker

Bartłomiej Henryk Zabinski

17:10–17:30

Searches for electroweak production of supersymmetric particles with the ATLAS detector

Speaker

Ben Hodkinson

17:30–17:50

Searches for strong production of supersymmetric particles

Speaker

Francesco Giuseppe Gravili

17:50–18:10

Exotic Searches at ATLAS (prompt)

Speaker

Adrian Rubio Jimenez

18:10–18:30

Searches for BSM physics using challenging and long-lived signatures with the ATLAS detector

Speaker

Ian Alejandro Ramirez-Berend

18:30–18:50

Revising laboratory search for long-lived vector mediators in GeV scale

Speaker

Maksym Ovchynnikov

18:50–19:10

Constraints on Beyond the Standard Model upward-going air showers using the Pierre Auger Observatory data

Speaker

Dariusz Gora

19:10