

Beyond Standard Model: From Theory to Experiment (BSM- 2021)

Friday 2 April 2021

Collider Physics (17:50 - 20:45)

-Conveners: Ketevi Assamagan; Farida Fassi

| time | [id] title | presenter |
|-------|--|---------------------|
| 17:50 | [113] Status of the multi-lepton anomalies at the LHC and its implications | MELLADO, Bruce |
| 18:15 | [114] Spectral clustering as a means of jet formation and IRC safety | DAY-HALL, Henry |
| 18:30 | [115] Search for heavy di-boson resonance in the semi-leptonic final states with the ATLAS detector | EL GHAZALI, Yassine |
| 18:45 | [116] Jet energy scale and resolution in the High-Granularity Timing Detector in ATLAS upgrades at HL-LHC | ABOULHORMA, Asmaa |
| 19:00 | [117] Search for new resonances decaying into top-quark pairs using lepton-plus-jets events in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector | NGAIR, Badr-eddine |
| 19:15 | [118] Strategies to Distinguish Signatures Beyond the Standard Model in Present and Future Colliders | DUTTA, Saunak |
| 19:30 | [119] Mass Unspecific Supervised Tagging (MUST) for boosted jets | SEABRA, João |
| 19:45 | [120] Search for invisible Higgs bosons produced via vector boson fusion at the LHC using the ATLAS detector | ZAAZOUA, Mohamed |
| 20:00 | [121] Measuring the polarization of boosted, hadronic W bosons with jet substructure observables | DE, Songshaptak |
| 20:15 | [122] Spin-1 polarization observable as a probe of anomalous gauge-Higgs vertex | SARMAH, Priyanka |
| 20:30 | [125] Search for Higgs boson decays to beyond-the-Standard-Model light bosons in four-lepton final states with the ATLAS detector at the LHC | SOUMAIMI, Zainab |