DPG Practice Talks

Report of Contributions

Contribution ID: **71**   Type: **not specified**

Tracker alignment studies

Monday 19 February 2024 11:15 (20 minutes)

Presenter: COLL SARAVIA, Lucia (CMS (CMS Fachgruppe Searches))

Session Classification: Session 2: Room SemRm 5

Contribution ID: **72**   Type: **not specified**

Inclusive tt cross section

Wednesday 21 February 2024 15:00 (15 minutes)

Presenter: SHARKO, Konstantin (CMS (CMS Fachgruppe TOP))

Session Classification: Session 3: CMS Center

Contribution ID: **73** Type: **not specified**

Search for single Vector-Like Quarks with the Run 2 data of the CMS experiment

Friday 23 February 2024 10:00 (15 minutes)

Presenter: WANG, Di (CMS (CMS Fachgruppe HIGGS))

Session Classification: Session 4: SemRm 3

Contribution ID: **74** Type: **not specified**

Searches for neutral BSM Higgs bosons decaying into tau leptons

Friday 16 February 2024 11:00 (20 minutes)

Presenter: MALVASO, Jacopo (CMS (CMS Fachgruppe HIGGS))

Session Classification: Session 1: Room CMS Center

Contribution ID: **75**　　　　　　　　　　　　　　　　　　　　Type: **not specified**

Dealing with negatively weighted Events in DNN-based LHC Analyses

Monday 19 February 2024 09:00 (20 minutes)

Presenter: BACH, Joern (CMS DESY)

Session Classification: Session 2: Room SemRm 5

Contribution ID: **76**   Type: **not specified**

Deep Inelastic Scattering events for photon and heavy boson TMDs in the Parton Branching Method

Friday 16 February 2024 11:45 (20 minutes)

Presenter: MORAL FIGUEROA, Keila (CMS (CMS Fachgruppe QCD))

Session Classification: Session 1: Room CMS Center

Contribution ID: **78**   Type: **not specified**

Generic (non-CMS) detector research.

Monday 19 February 2024 14:15 (20 minutes)

Presenter: RASTORGUEV, Daniil (None)

Session Classification: Session 2: Room SemRm 5

Contribution ID: **79** Type: **not specified**

Search for heavy Higgs bosons and Axion-Like Particles in the ttbar final state at CMS (HIG-22-013)

Monday 19 February 2024 12:00 (20 minutes)

Presenter: BACH, Joern (CMS DESY)

Session Classification: Session 2: Room SemRm 5

Contribution ID: **80**   Type: **not specified**

Simulation of on- and off-shell ttbar production with the MC generator bb4l at CMS (GEN work)

Friday 16 February 2024 13:45 (20 minutes)

Presenter: JEPPE, Laurids (CMS (CMS Fachgruppe TOP))

Session Classification: Session 1: Room CMS Center

Contribution ID: **81**   Type: **not specified**

Distinguishing axion-like particles and extended Higgs sector pseudocalars in ttbar final states at the LHC (pheno project)

Monday 19 February 2024 10:30 (20 minutes)

Presenter: JEPPE, Laurids (CMS (CMS Fachgruppe TOP))

Session Classification: Session 2: Room SemRm 5

Contribution ID: **83**   Type: **not specified**

Search for long-lived axion-like particles in top production

Monday 19 February 2024 09:45 (20 minutes)

Presenter: RYGAARD, Lovisa (CMS (CMS Fachgruppe Searches))

Session Classification: Session 2: Room SemRm 5

Contribution ID: **84**   Type: **not specified**

System Validation of the SiPM-on-Tile Section of the CMS High Granularity Calorimeter

Monday 19 February 2024 13:30 (20 minutes)

Presenter: MILELLA, Gabriele (DESY (Deutsches Elektronen Synchrotron))

Session Classification: Session 2: Room SemRm 5

Contribution ID: **85**   Type: **not specified**

Measurement of the CP properties of the Higgs boson in the decay into tau leptons with the Run 3 data of the CMS experiment

Wednesday 21 February 2024 15:45 (15 minutes)

Presenter: ZAKHAROV, Stepan (CMS (CMS Fachgruppe HIGGS))

Session Classification: Session 3: CMS Center

Contribution ID: **86**   Type: **not specified**

Herwig Dark Showers

Friday 16 February 2024 12:25 (20 minutes)

Presenter: STAFFORD, Dominic (FH (Forschung Hochenergiephysik))

Session Classification: Session 1: Room CMS Center

Contribution ID: **88**   Type: **not specified**

Slides only: Multi-Tilemodule test system using cosmic rays for the CMS HGCAL upgrade

Friday 23 February 2024 10:45 (15 minutes)

Practice talk took place in FTX group.

Presenter: LI, Jia-Hao (DESY)

Session Classification: Session 4: SemRm 3