



Contribution ID: 42

Type: (b) Poster abstract only (one author must be in person)

## Exploring the supersymmetry through gauginos with FCC-hh

*Thursday 13 June 2024 18:33 (1 minute)*

The pure gravity mediation model based on anomaly-mediated supersymmetry breaking is among the well-motivated models consistent with the large Higgs mass and the non-observation of supersymmetry at the LHC so far. We focus on a scenario where all the gauginos, including the neutral Wino which is the lightest supersymmetric particle, are within the kinematical reach of the FCC-hh, and study the model through the gaugino production processes. We show that the masses of gauginos, the lifetime of the charged Winos, and the mass spectrum of squarks can be studied in detail by analyzing these processes even if squarks are out of the kinematical reach.

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**Presenter:** CHIGUSA, So

**Session Classification:** Poster session

**Track Classification:** Physics, Experiments and Detectors: Physics/Theoretical Calculations