First ECFA WORKSHOP.

Contribution ID: **110** Type: **Parallel session talk**

Optimisation of a SIlicon-Tungsten ECAL resolutions for Higgs Factory

Thursday 6 October 2022 16:36 (18 minutes)

Higgs Factories detector will require high precision highly granular ECAL.
The Silicon-Tungsten ECAL is optimised for the particle flow with cell size of 5×5 mm².
We propose here a revisitation of the Silicon-Tungsten ECAL parameters to optimise the energy, timing, position and angle resolutions for given cost (amount of tungsten, number of layers) based on detailed simulations.

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Session Classification: WG 3: R&D

Track Classification: WG3 - Detector R&D