

The 2025 International Workshop on the High Energy Circular Electron Positron Collider

Contribution ID: 107

Type: **Talk**

An SiW-ECAL for the Future Circular Colliders

Friday, 7 November 2025 15:00 (30 minutes)

A highly granular Silicon-Tungsten ECAL is a way to obtain a high precision for a broad range of conditions and final states. An advanced model has been developed for the Linear Colliders. We will present the progress toward its adaptation for circular colliders: ASICs, timing, power, cooling, optimisation and final state reconstruction.

Primary author: Dr BOUDRY, Vincent (Laboratoire Leprince-Ringuet, CNRS/IN2P3, École polytechnique)

Presenter: Dr BOUDRY, Vincent (Laboratoire Leprince-Ringuet, CNRS/IN2P3, École polytechnique)

Session Classification: Calorimetry

Track Classification: Detector and System: 13: Calorimeter