

# Inaugural US Muon Collider Meeting

---

Fermilab, August 7-9, 2024

[indico.fnal.gov/e/usmc2024](https://indico.fnal.gov/e/usmc2024)

Contribution ID: 44

Type: **not specified**

## Full simulation studies of a segmented crystal ECAL for MuonC

A full detector simulation has been implemented from scratch in dd4hep. We present preliminary studies of EM pointing resolution and BIB response in such a detector with the goal of identifying the most appropriate performance benchmarks with respect to the physics case for MuonC detector development going forward.

**Primary authors:** TULLY, Christopher (Princeton University); CHUNG, Wonyong (Princeton University)

**Presenter:** CHUNG, Wonyong (Princeton University)

**Session Classification:** Poster Session and Reception