



C. Fanelli

on behalf of ECCE AI WG

DL-based muon identification for the
ECCE detector

ecce-paper-comp-2022-01

ecceaiwg.slack.com

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- Last meeting on 4/8/2022
- Work in progress (see people assigned)
- Currently 10 Figures (temporary)

Structure



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Sec. ECCE detector

- Short overview with references to ECCE;
- Description of sub-detectors involved in this analysis

Sec. Lepton Reconstruction

- Image-like features
- Scalar features

Sec. DL lepton identification

- Architecture
- Analysis
- Expected Performance
- Computing

Sec. Performance with TCS
Leverage on reply sent to DPAP

- Meeting every Friday, 2:30pm

<https://indico.bnl.gov/category/339/>
[calendar](#)

- Aiming to have a draft of each section in ~2 weeks
- Every section assigned

