

## Signatures of light new physics at muon factories

*Wednesday, 18 September 2024 12:10 (20 minutes)*

I will discuss  $\mu \rightarrow e$  conversion signatures stemming from light new physics at high-intensity muon experiments. Specifically, I'll focus on the discovery potential and reach of the  $\mu \rightarrow 5e$  channel at Mu3e as well as the prospect of 'signal' electrons from muon-induced baryon number violation at Mu2e and COMET.

### Working Group

WG 4: Muon Physics

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