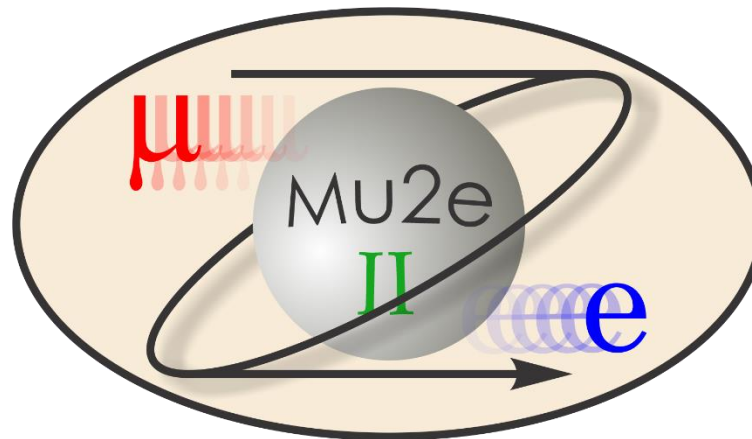


# Mu2e-II CRV Whitepaper

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# Outline

1. Introduction
  - Requirements
  - Meeting Requirements: Design of Mu2e CRV
  - Expected Rates and Deadtime
  - Expected Conversion-Like Backgrounds
2. Shielding Upgrade
3. Improved Counter Design
4. Electronics Upgrade
  - Photodetectors
  - Front-end Boards
5. R&D Program
  - Simulation studies
  - Counter tests
  - Prototype module