

# TB plans for the SCREAM project

## Request for Project Funding from the RD51 Common Fund

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### *Title of project*

Sampling Calorimetry with Resistive Anode MPGDs (SCREAM)

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# TB Plans for 2018

May - test at least one RPWELL detector

- Foreseen measurements
  - Efficiency, gain uniformity, stability
- Needed resources
  - Muon and pion beams
  - Trigger
  - Ar/CO<sub>2</sub> mixture
  - HV & DCS
  - Not sure if we need also a tracker

August and October - test several (up to 10) layers of MM and RPWELL

- Foreseen measurements
  - August: muon scans, rate scans with pion showers
  - October: energy scans with electrons and pions
- Needed resources
  - Muon pion and electron beams
  - Ar/CO<sub>2</sub> mixture
  - HV & DCS
  - Hadron showers