

Status of the MICE Experiment

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Muon ionization cooling is the only solution to prepare the high brilliance muon beams that are necessary for a Neutrino Factory or Muon Collider. The International Muon Ionization Cooling Experiment (MICE) is a collaboration of over 70 scientists from 9 countries and is under development at the Rutherford Appleton Laboratory. MICE aims to be the first experiment to observe the ionization cooling of muons, specifically it aims to reduce the transverse emittance of the beam by 10%, and to measure it with an absolute precision of 0.1%. This talk outlines the current status of the experiment and its timeline for the future.

Author: Dr GEORGE, Melissa (Imperial College)

Presenter: Dr GEORGE, Melissa (Imperial College)

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