# Search for gamma-ray lines in the Galaxy with DAMPE

## (executive summary)

#### What is this contribution about?

This work is about GeV gamma-ray line search with DAMPE photon data.

## Why is it relevant / interesting?

GeV lines have better signal-to-background ratio and are difficult to produced in usual astrophysical environments, so they are among the favorables targets of DM indirect.

### What have we done?

In this work, we use 5.0 years of DAMPE photon data to search for spectral lines from 10 GeV to 300 GeV.

### What is the result?

No line signals or candidates are detected, we therefore present the 95% confidence level constraints on the annihilation cross section or decay lifetime with systematic uncertainties included.