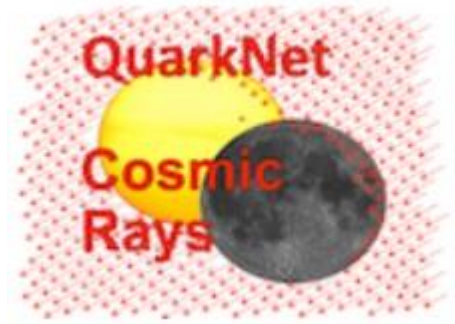


QuarkNet
International Muon Week
March 14-18, 2022



QuarkNet's International Muon Week is back!

We invite you to perform a muon study of your own design and share it with other participants. Analysis tools are in the cosmic ray e-Lab that will help you perform studies that include:

- Muon flux
- Time of flight
- Muon lifetime

Even if you do not have access to a cosmic ray detector, you are invited to perform muon measurements with your students using the curated files that contain existing data in the cosmic ray e-Lab.

Here are some helpful links:

- <https://forms.gle/amg3M9Eh13CXXMSh7>
This is the registration link for International Muon Week 2022. This is where you also sign up to discuss results and ask questions with a scientist via Zoom.
- <https://quarknet.org/content/resources-cosmic-ray-analyses-online>
Click here for guidance about experimental ideas and lists of curated files. *Use these curated files if you don't have a cosmic ray detector!*
- https://www.google.com/maps/d/edit?mid=1Y9_o_6cICXLeeCR9Zg59IOyyp906TPeX&usp=sharing
This Google map shows locations of IMW participants.
- <https://forms.gle/PgA5r9Enc1qQMWLDA>
Use this link to upload a summary of your results.

If you have any question, please contact Mark Adams at adams@fnal.gov.