Q & A (Monday, June 7)

Q. what does evclass means?

A. It represents the event classification system used in the LAT data. More information can be found in https://fermi.gsfc.nasa.gov/ssc/data/analysis/documentation/Cicerone/Cicerone_Data/LAT_DP.html

Q. The links posted on confluence for today, is that something that we should be looking at/completing BEFORE the session? Or are those materials for the session?

A. We'll send out a weekly e-mail on Tues. or Wed. highlighting the prework for each week.

Q. Where is the slack invite

The Slack invite was sent out in the Friday email. Here it is: https://join.slack.com/t/fermisummerschool/shared_invite/zt-r352wbd0-6tlvHthV9w~lj8eFbynMUA

Q. how does one pronounce "cicerone"? I've always imagined "sys-er-own". I don't think I've ever heard it spoken.

A. https://www.merriam-webster.com/dictionary/cicerone

Q. Do we have to use Jupyter? Can we other IDEs?

A. : Jupyter is supported and it is in the FermiBottle docker container. If you want to use other tools, feel free to. But we cannot offer tech support for them.

Q. What do you mean by "photons"?

A. In the LAT instrument, events are classified based on the probability that they result from photons and the quality of the reconstruction

Q. How is the quality of data determined?

A. See also previous question. Quality is determined by how well each gamma-ray event is reconstructed.

Please see https://fermi.gsfc.nasa.gov/ssc/data/analysis/LAT_essentials.html

Q. can you please further clarify on what is MET

A. Mission elapsed time (MET), the number of seconds since the reference time of January 1, 2001, at 0h:0m:0s in the Coordinated Universal Time (UTC) system, corresponding to a Modified Julian Date (MJD) of 51910 in the UTC system.

Q. On the data query page, is there a keyword for the most current data? I see there is a keyword for START, but is there a "NOW"/"CURRENT"?
A. The ending date may be replaced by the string 'END', to indicate the most recent available data. The 'START' and 'END' keywords are case-insensitive.

Q. @AlexReustle, where did you get that background/what is your background?
A. I have many backgrounds, but todays was
https://hdwallpaperslive.wordpress.com/2020/03/30/scarecrow-by-josef-barton/amp/

Q. How to know our group number? We don't see it anywhere.
A. We had an issue forming the groups during our first session. We will try to get this working smoothly for our next session

Q. If we're traveling, do we just change milkyway in the address to the galaxy we're in
   A. We will still be in the Milky Way for a while
   A. Yes, but service may be limited in and around the Magellanic clouds.
   A. Also communication times may result in delayed responses until after funding runs out.