



KM3NeT: Online

Gwen

Paradox 1

- High quality data sample (multi-wavelength and multi-messenger) needed for a better understanding of the sources
- In 6 months from now, the alert market will be overloaded
- How to prioritize/rank the alerts to maximize the number of follow-ups while having high quality data sample? Common format for neutrino alerts?

Paradox 2

- Cascade events are crucial (more events, flavour ratio study, ...)
- Tracks are usually the priority for follow-ups as they have a better angular resolution
- Both are needed but high quality multi-wavelength sample require people responding to alerts. Again, what should be prioritize?

Paradox 3

- More followu-ups (even sub-threshold)
- More chance to see coincident signal
- What about the trial factor?



Neutrinos in the Multi-Messenger Era

November 29th - December 2nd, 2022
Louvain-la-Neuve, Belgium

Poster session!

<https://agenda.irmp.ucl.ac.be/event/4681/>

Followed by “Cosmic Rays in
the Multi-Messenger Era”
December 5th – 7th
Paris, France

<https://indico.in2p3.fr/event/27666/>

