Collaboration Policies Discussion

Peter B. Denton

IAP

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Examples

1. GAIA: Data dump, no publication rules

Price of Open Science (blog)

- 2. IceCube: Analysis results are proprietary until presented
- 3. Auger: Proprietary data, publication committee, strict rules

HAWC, AMS, Fermi, ATLAS, CMS, T2K, NOVA, COHERENT, ...

GRAND Data/Analyses

Primary analyses for neutrinos and UHECRs:

- 1. Spectral
- 2. Anisotropy

Secondary analyses:

- 1. Unknowns in the data
- 2. 21 cm
- 3. FRBs, Giant radio Pulses, ...
- 4. Magnetic monopoles, DM, LIV, ...
- 5. Exotic oscillation physics

Data sharing

Events:

- 1. ATEL/AMON
- 2. Regular catalogs
- 3. Release after we've published
- 4. MOU's with pointing experiments

Detector details:

- 1. Proprietary
- 2. Release general detector data/software
- 3. Release analysis specific data/software

Peter B. Denton (NBIA)

When to publish?

- 1. When we have data?
- 2. When we have $3/5 \sigma$?
 - ▶ Wording: tension, interesting, evidence, ...
- 3. Annually/at conferences?

Thinking about:

- 1. What if data comes in slower than anticipated?
- 2. What if we see something new?

Good to have a priori ideas to handle these

Author List

- 1. Alphabetical?
 IC, HAWC, AMS, ATLAS, DUNE

 2. One to several first authors?
 GRAND

 3. Corresponding author?
 formerly IC

 4. Alphabetical by country/institution/name?
 CMS
- 5. Collaboration papers with outside authors IC, HAWC

Other Topics

- 1. Data blinding and burn data policies
- 2. Journals: Science/Nature, PRL, PRD/JCAP, ...
- 3. This document
- 4. Publication committee?
- 5. Conference speakers?

6. . . .