

Goals for PyGamma15 and beyond?

Plenary Discussion

Christoph Deil, Nov 16, 2015 @ PyGamma15



MAX-PLANCK-INSTITUT
FÜR KERNPHYSIK

Summary Today

- **Methods: statistics (Michael), classical analysis (Regis), cube analysis (Peter), biased estimators (Lea)**
- **Instruments: Fermi-LAT (Jeremy and Matthew), H.E.S.S. (Johannes), VERITAS & Gammalib / ctools (Nathan), CTA (Catherine)**
- **Codes: Open source & Python (Christoph), ctapipe (Karl), Astropy, Sherpa, Gammapy (Axel), 3ML (Luigi), Naima (Victor), Gamera (Joachim)**

Outlook PyGamma15

- ☐ **Tuesday to Thursday: tutorials on Python, statistics, 3ML, naima, ctapipe, fermipy, Gammapy, D3PO, Gamera**
- ☐ **Friday: lightning talks, summary**
- ☐ **Discussion and coding sessions are not planned yet.
You have to self-organise to make this a productive meeting!**

Goals for PyGamma15

- ☐ Learn some software development and Python skills!
- ☐ Specifications / prototyping of CTA data formats?
HESS IRFs / towards a public data release?
And / or Simulate CTA sky to have a nice test dataset?
- ☐ Implement Fermi - IACT multi-mission analysis?
- ☐ Work on codes, tests, documentation?
Tool cross-checks?
- ☐ What should our priorities be?
What do you want to work on?