



GAMMAPY STATUS / PROJECT SUGGESTIONS

Axel Donath, Gammapy Coding Sprint, Paris 2019

ROADMAP / STATUS

.....

- For the last coding sprint in Madrid we (the lead developers) introduced a Roadmap to coordinate the developments for Gammapy v1.0 (PIG 5)
- <https://github.com/gammapy/gammapy/blob/master/docs/development/pigs/pig-005.rst>
- 12 larger development projects defined, introduced a regular release cycle (every 2 months)
- So far we started to work on:
 - PIG 3 drop Python 2 support (implemented)
 - PIG 7 for models (implemented 10-20%)
 - PIG 8 for datasets (implemented 50%)
 - PIG 9 for event sampling (drafting stage...)
 - Without PIG: background handling in FOV coordinates, improve support for fitting backends, energy dispersion map, minor IRF clean up, ...
- Next release Gammapy v0.11 on March 11th, with focus on datasets / joint-likelihood fitting.

PROJECT SUGGESTIONS

- Write joint-likelihood fitting tutorial (important!)
- Check issues with the label `coding sprint Paris 2019` (<https://github.com/gammapy/gammapy/labels/coding-sprint-paris-2019>)
- Work on sky models (Luca)
- Write emcee fitting tutorial (Fabio)
- Clean up \$GAMMAPY_DATA/datasets and finish dataset versioning (José Enrique)
- Continue work on `MapDataset` / `SpectrumDataset` (see list proposed PRs in PIG 8) (Me, Régis)
- Implement 3D flux points estimation
- Any other idea? Talk to me or Régis...
- Short whiteboard at 9h00 every day?