



NEWS AND UPDATES

GPROPA TASK FORCE MEETING

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NOVEMBER 7

GPROPA TF MEETING

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NEWS FROM THE CONSORTIUM MEETING

- Our presentation of the TF (thanks Jonathan!) was well received at the consortium meeting
- **MC group**: for now, simply need Baseline and Threshold IRFs optimized for sensitivity. Ultimately, dedicated IRFs optimized for energy dispersion / angular resolution would be great, but may not be available on a short-term basis, re-check with Gernot once we get there
- **ctools now includes multiplicative models**, great for EBL absorption, LIV, IGMF, ALP templates (kudos to ctools people): check it out [here](#)
- Dedicated PHYS meeting in Milano between mid Feb. and mid March: **we should send a representative and show first results!**
- This means that we have an internal **deadline for first results ~end of January**

RESULTS WE WOULD LIKE TO HAVE READY UNTIL JANUARY [OPEN FOR DISCUSSION]

- **Goals:**

- First EBL constraints: “EBL normalization vs. z ” plot
- First constraints on LIV
- First constraints on IGMF (so far only Rafael and Manuel → **manpower needed!**)
- First constraints on ALPs (so far only Manuel → **manpower needed**)
- Idea: simulate spectra with one fixed EBL model and run analysis for the above effects.
- List of sources to simulate are in this [google document](#)
- **Sign up for the tasks you want to contribute to [here](#)**
- **Discussion about the to do's at the end of this meeting**