

Minutes Multi-messenger telecon March. 27, 11am Pacific

Attendees: See [spreadsheet](#)

News

JWST launch delayed to 2020, proposals delayed to 2019

Fermi is offline. One solar panel is stuck at a fixed angle. It's now back in survey mode, but the instruments are still switched off. GBM will be switched on first in the next few days. Even with the one fixed solar panel enough power should be available to perform survey mode science operations.

ToO Marshal

Mansi had discussion with Eric. The ToO marshal needs to provide a list of fields to the scheduler. Fields have to be ordered and include a start time. ToO fields will go to the front of the scheduler list.

An airmass cut and the field selection might be available as options in the marshal.

ToO Proposals

3 proposals were submitted:

1. LIGO O3
2. Neutrino follow-up
3. Fermi short GRB follow-up

The latest suggestion from the board was to grant 5 GRB and 5 neutrino triggers for now. After 3 triggers the group has to report back to the board and a final decision about granting ToO time will be made.

The GRB and neutrino ToO white papers were revised.

Brad: no longer trigger once LIGO run O3 begins because LIGO/Virgo will be more efficient to find NS merger than Fermi) - this reduces the requested time by $\frac{1}{3}$

Anna: Less time is requested in the first night (3 instead of 5 exposures), which reduces the total requested time from 10.5 to 8.5h. Observations in night 2 and 3 are kept to be able to collect early SN data. Early light curve data is important to estimate the SN explosion time and establish the neutrino-SN coincidence.

NOAO proposals

Michael: LCO proposal for follow-up of ZTF (and DECam and Gemini). Selection of top candidates for multi-band photometry follow-up. Asking for a handful of candidates to be observed for 3 nights and in the following 2 weeks if the candidates are sound. Asking for 30h in total.

Danny Goldstein, Igor (not on the call): Dark Energy Camera follow-up for candidates in the Southern hemisphere

Leo: Gemini follow-up of localized sources and near-IR targeted galaxy search. Candidate selection based on source population simulations.