

# Discussion - common points from community feedback

- **Need for a coherent NASA TDAMM strategy**
  - Lack of coherence on the scope of TDAMM
  - Risk of loss of X-ray and UV capabilities, especially rapid ToO
  - No new high energy discovery monitor for the longest time in NASA's history (by x2), necessary to pair with LIGO and IceCube
- **Coordination and collaboration between messengers**
  - The needs of communities are different
  - Difficulty in proposals which require multiple instruments, as individual teams set ToO policies for their own needs, not the fleet's
- **Software to enable interfacing different instruments:**
  - Enabling easy joint data analysis
  - Interchangeability of instrument data products and simulations across different wavelength

# Discussion

- SAGs
  - TDAMM Roadmap
    - Specifying "floor" TDAMM capabilities that Explorers, etc., should provide regardless of their primary science drivers to enable NASA observatories to operate effectively as an ensemble in the time domain.
    - Planning for the future - looking at key investment opportunities
  - TDAMM State of the Profession
  - One which may be best suited to subgroups of the SIG:
    - One for each established MM science are: - GRBs, Blazars, Solar, Gravitational waves and neutrinos, etc
  - Ones which may be captured by ACROSS:
    - **Building a common infrastructure for next generation TDAMM science investigations - ACROSS**
    - Coordinating and tuning TD observations across available facilities
    - The ToO process and how to coordinate multiple facilities (especially scarce space telescope observing time).
    - How to coordinate proposals across NASA missions for large-scale/ambitious multiwavelength + multimessenger campaigns.
- Community Survey results (above, and previous slide)
- TDAMM SIG Meeting cadence and platforms