## Probes of universe (mainly Long-GRB)

- Header simulated SVOM N(z) (WU); discussion of follow-up requirements? Discussion of link to GRB progenitor.
- Reionization time history and topology, from measurements of the Lya damping wing due to IGM (PP) – simulated JWST spectrum (NRT)
- Cosmic star formation rate (SB)
- Host galaxies
  - Spectroscopy abundances; cosmic chemical evolution (PP)
  - Emission properties of hosts (ELF)
  - Escape fraction and galaxy LF at z > 6 can stars drive reionization? (NRT)
- High energy correlations; standard rulers (RW)
- Pop III collapsars; GRBs as probes of primordial gas (SB)
- Fundamental Physics (PP)