

BurstCube: status and public alerts

- BurstCube is a CubeSat to detect Gamma-Ray Bursts (GRBs) that will launch in Fall 2021.
- BurstCube will complement current GRB detectors, increasing the sky coverage and uptime. This will improve the probability of detecting and localizing a gravitational wave counterpart.
- The integration and testing phase of BurstCube is currently undergoing. Preliminary results meet the science mission requirements.
- BurstCube is expected to detect ~20 short GRB per year, followed by rapid public alerts. Typical localization uncertainties will be around 15°-30° radius.