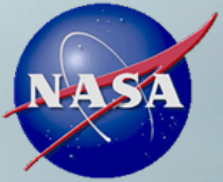


A Balloon-Borne Mission to Study the History of Stars



- The Experiment for Cryogenic Large-Aperture Intensity Mapping (EXCLAIM) will study the history of star formation across the cosmos.
- EXCLAIM uses a balloon-borne, cryogenic telescope that achieves sensitivity approaching a dedicated space mission, providing a platform to test promising technology and approaches.
- Goddard leads the EXCLAIM mission. The team includes Eric Switzer (665, Principal Investigator), Emily Barrentine (553, Spectrometer Product Design Lead), Thomas Essinger-Hileman (665, Deputy & Instrument Lead), and Giuseppe Cataldo (665, Mission Systems Engineer).
- New technology developed at Goddard makes the mission possible by reducing the size of the spectrometer from a suitcase to a bagel.

