Instrument Concept: Spectroscopic Terahertz Airborne Receiver for Far-Infrared Exploration (STARFIRE)
- Balloon-based telescope for far-IR spatial-spectral intensity mapping

Target Science
- Trace star formation in dust-obscured galaxies using spectral lines in the far-infrared

Detector technology: Kinetic Inductance Detectors
- KIDs: superconducting thin-film LC resonators
- Design considerations, fabrication process, readout scheme described in poster