

It used to be NICE,
but now it is



NICER: NEUTRON STAR INTERIOR COMPOSITION EXPLORER

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NICER Mission Overview

*Astrophysics on the International Space Station:
Understanding ultra-dense matter through soft X-ray timing*

- **Science:** A proposed International Space Station (ISS) payload dedicated to the study of **neutron stars**—a fundamental investigation of extremes in gravity, material density, and electromagnetic fields.
- **Spacecraft:** Hosted on the ISS Express Logistics Carrier
- **Launch:** CBE= August 2016
- **Duration:** 18 (min.12) months
- **Team:** NASA GSFC, MIT. Science co-Is from USRA, UMCP, UMBC, NRL, University of Arizona, McGill, SUNY, MSU, F&M, NRAO, UNAM.

