

# The Cosmic Infrared Background Experiment-2 First Flight Status Report

Serena Tramm | IRSTIG Flash Talk | Jan 4, 2021

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RIT

JPL

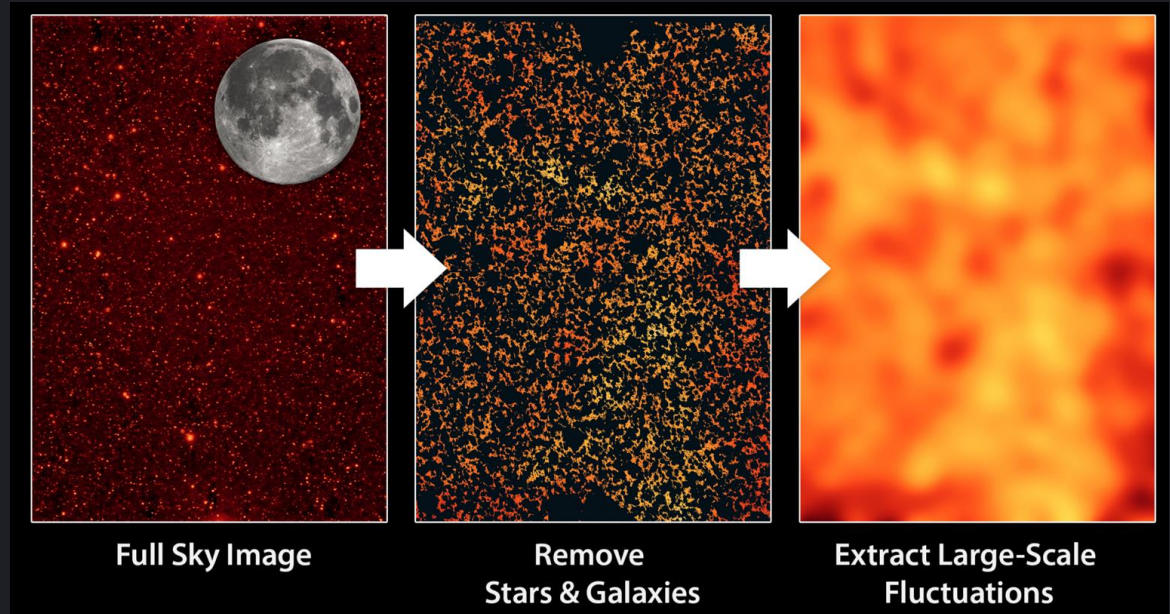
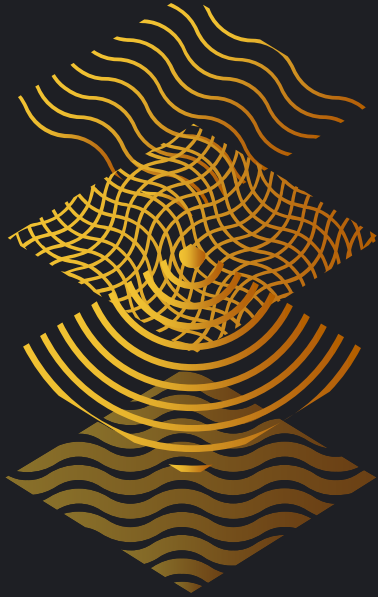
Jet Propulsion Laboratory  
California Institute of Technology



UCIRVINE



# CIBER Science

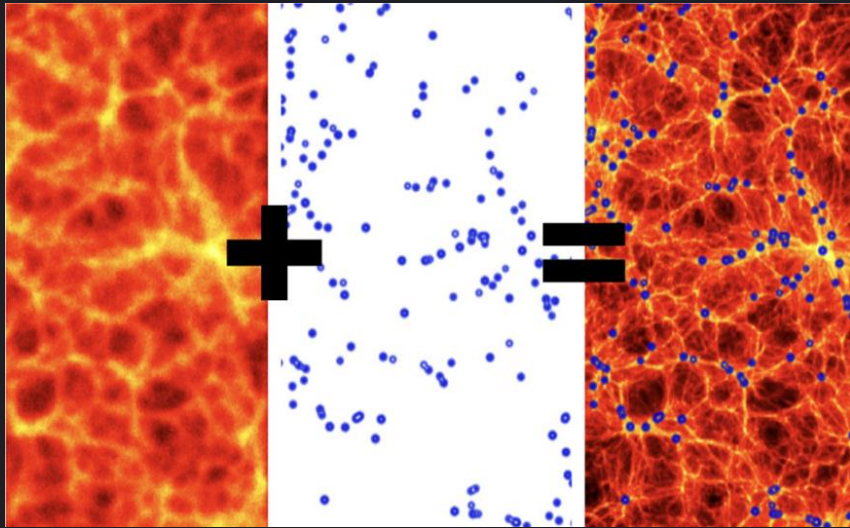


*Credit: NASA*

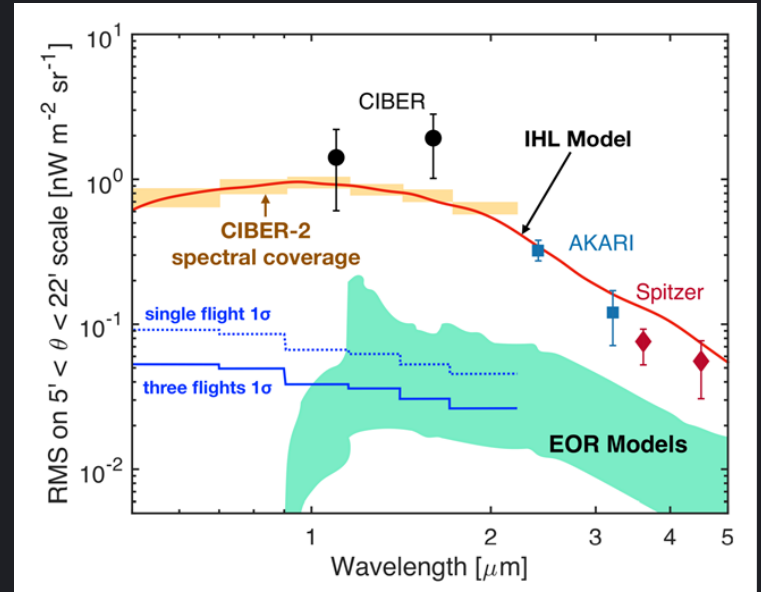
**We want to measure the faint near-infrared EBL fluctuations!**



# CIBER-1 Findings



Credit: The SPHEREx Collaboration



Credit: Chi Nguyen

# CIBER-2 First Flight



When: June 6th 2021 at ~1am

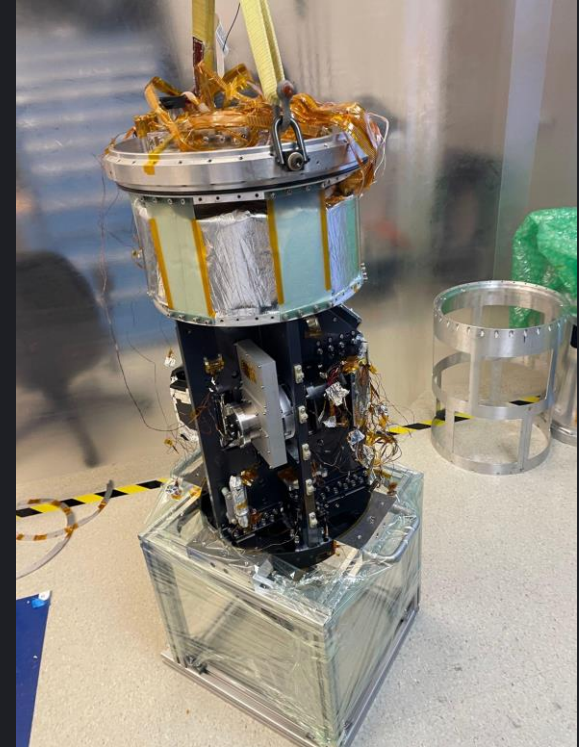
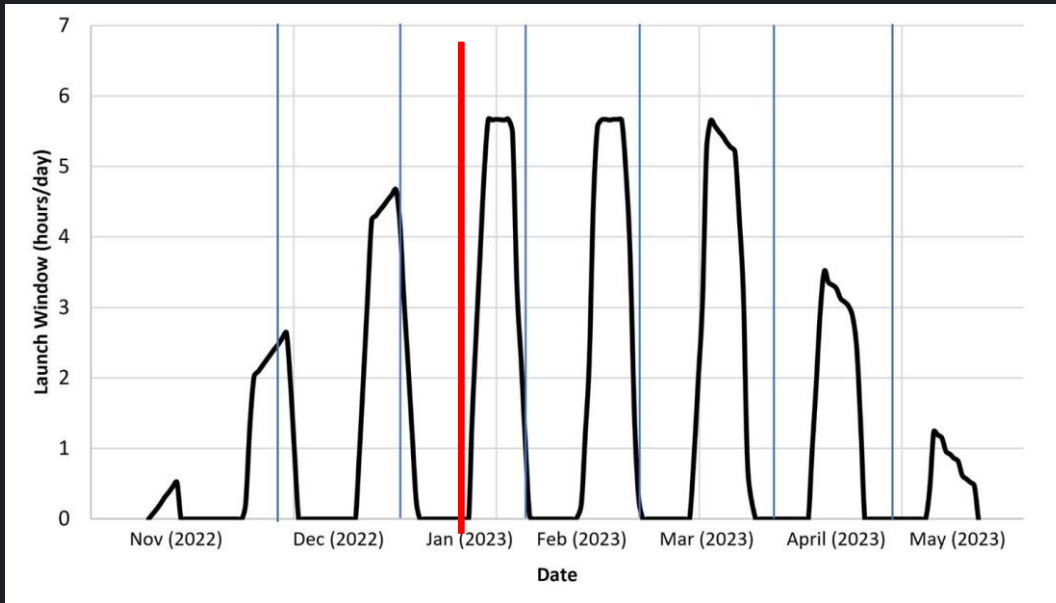
Where: White Sands Missile Range, New Mexico

Assembly: Launch Vehicle Assembly Building, NASA



# Future Plans

- Two more flights - Jan 23, 2023
- CIBER-2 is a test bed for SPHEREx
- Reconfiguration for  $\lambda > 5\mu\text{m}$





THANKS!  
Questions?

