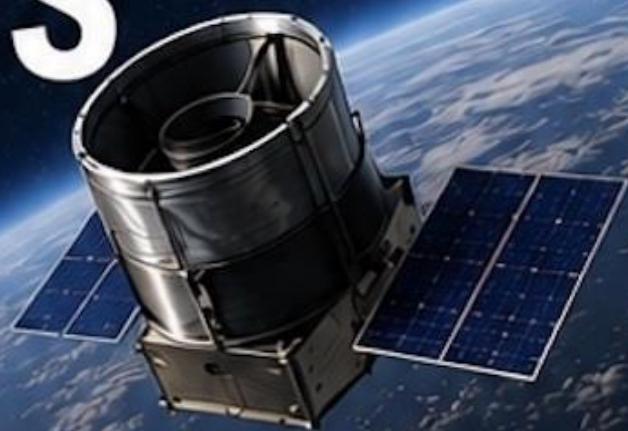


AAS SPLINTER SESSION

NASA's Big Science, Small Missions

High-impact science.
Smarter, faster, together.



ASTROPHYSICS FLEET

2020

2015

2010

2005

2000

1990

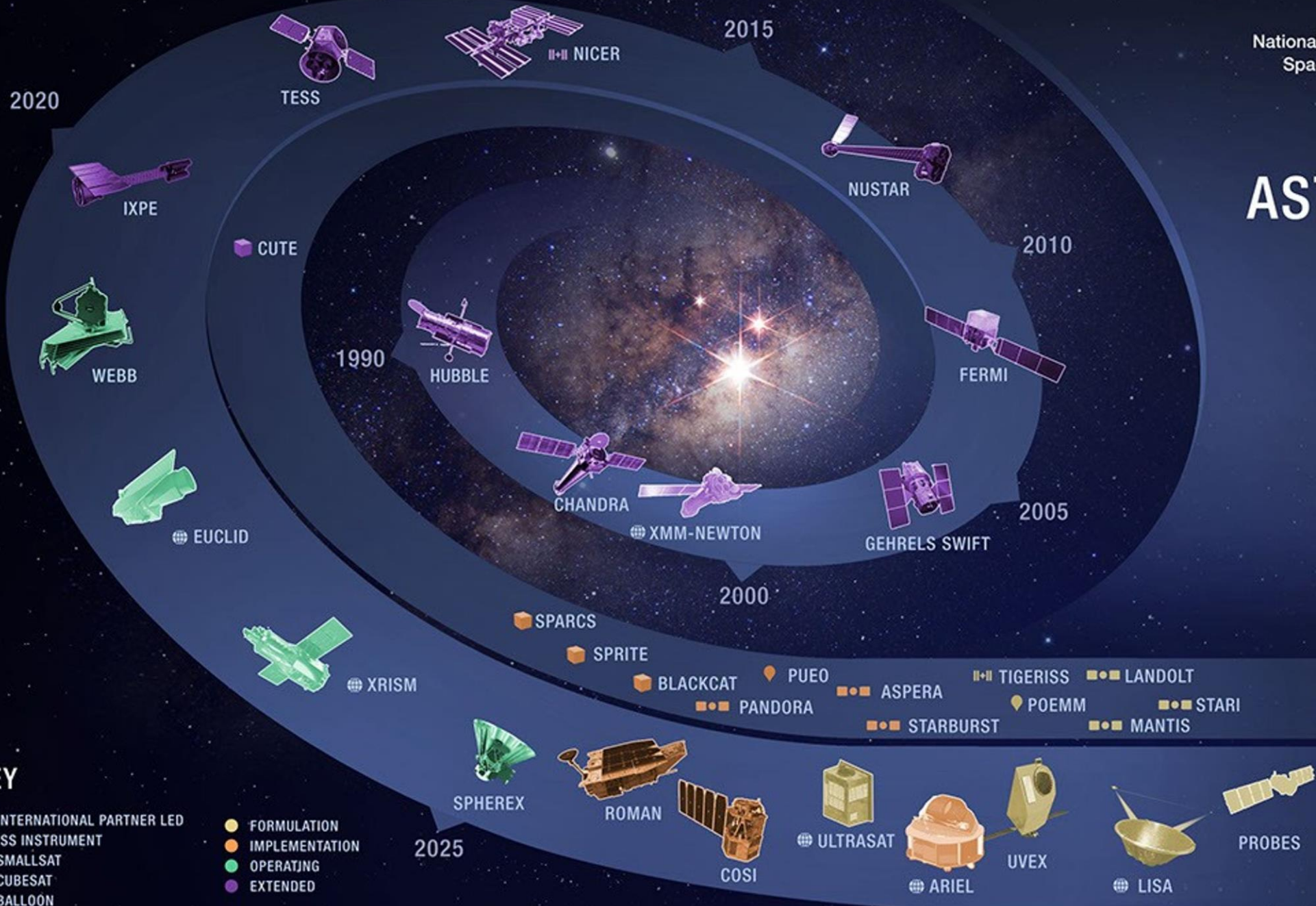
KEY

- 🌐 INTERNATIONAL PARTNER LED
- ISS INSTRUMENT
- SMALLSAT
- CUBESAT
- BALLOON

- FORMULATION
- IMPLEMENTATION
- OPERATING
- EXTENDED

PIONEERS & CUBESATS

TRADITIONAL MISSIONS



Accelerating science and technology by leveraging

- emerging technologies
- industry partnerships
- commercial launch capabilities
- opportunities enabled by Moon and Mars missions

Enabling greater community participation in missions including early career researchers without prior experience in building missions

Innovative ways to answer focused science questions cheaper and faster

Time	Topic	Speaker
10:00am - 10:05am	Welcome	Swara Ravindranath (NASA GSFC)
10:05am - 10:15am	FORTIS Sounding Rocket	Emily Witt (Johns Hopkins University)
10:15am - 10:25am	BlackCAT CubeSat	Abe Falcone (Pennsylvania State University)
10:25am - 10:35am	SunRISE CubeSat Constellation	Joseph Lazio (University of Michigan)
10:35am - 10:45am	SPHEREx Medium Explorer Mission	Roberta Paladini (IPAC/Caltech)
10:45am - 10:55am	Landolt Pioneer Mission	Peter Kurczynski (NASA GSFC)
10:55am - 11:05am	Non-Traditional Path to Missions	Sanchayeeta Borthakur (Arizona State University)
11:05am - 11:10am	Break	
11:10am - 11:30am	Panel Discussion Panel Moderator: Swara Ravindranath (NASA GSFC)	Panelists: Drew Miles (Caltech) Pablo Saz Parkinson (NASA HQ) Joseph Lazio (University of Michigan) Abe Falcone (Pennsylvania State University) David Ardila (JPL)