9:15-10:00am **Heliophysics** (Moderator: Justin Kasper, BWXT)

9:15-09:20am Overview

9:20-09:30am SunRISE *(Alex Hegedus, U. Michigan)*

9:30-09:40am ROLSES *(Bob MacDowall, NASA GSFC)*

9:40-09:50am Simulations of Type II solar bursts with FARSIDE *(Alex Hegedus)*

9:50-10:00am Discussion

Heliophysics System Observatory

- *19 Operating Missions with 26 Spacecraft*
- *1 Mission in Implementation*
- *6 Missions in Formulation*

FORMULATION
IMPLEMENTATION
PRIMARY OPS
EXTENDED OPS

RADIO EXPERIMENT

Solar Orbiter (ESA)
2020

Parker Solar Probe
2018

STEREO

Voyager (2)

2023
SunRISE (6)

ACE

WIND

SET-1 (USAF)

SOHO (ESA)

IMAP

SDO

AIM

IBEX

ICON

AWE (ISS)

HERMES (Gateway)

GOLD (SES)

TRACERS (2)

TIMED

Hinode (JAXA)

PUNCH (4)

THEMIS (3)

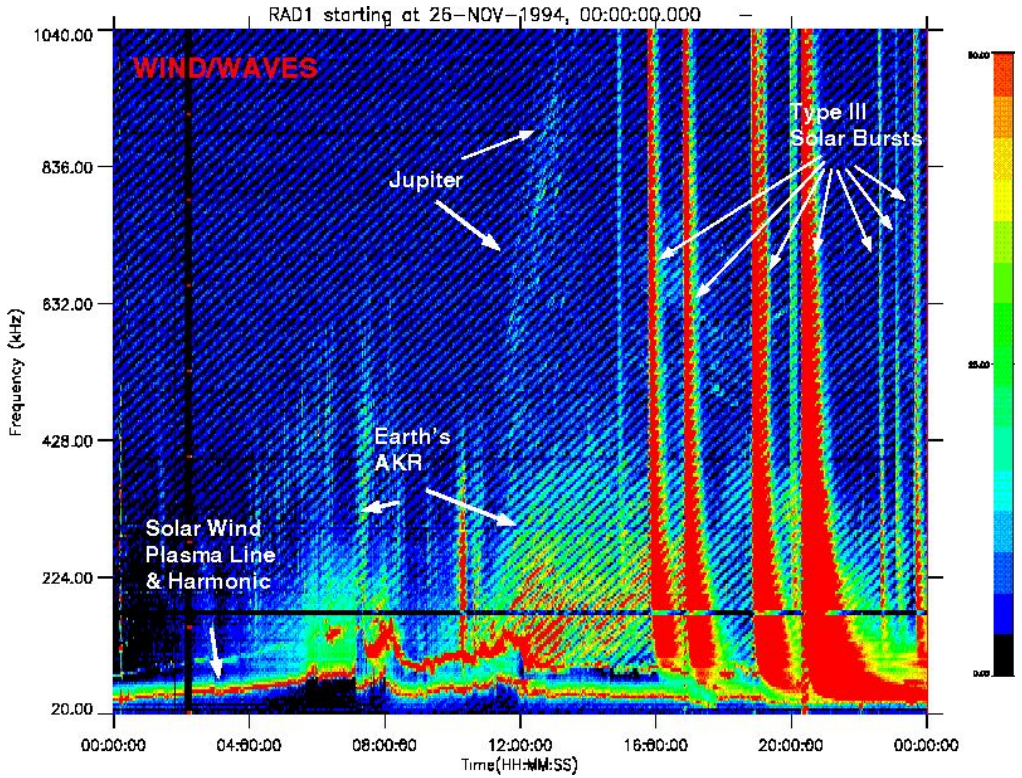
THEMIS-ARTEMIS (2)

MMS (4)

IRIS

Geotail (JAXA)

Revised April 2020



Wind/WAVES (GSFC)

Lazio et al. (2017)