

Space Weather Activities in China

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Station Distribution

- Geomagnetic
- Optical-atoms.
- Radio
- Rocket



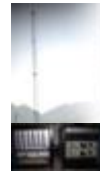
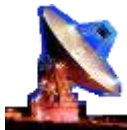
DIM OFM FGM SCM SED DEM



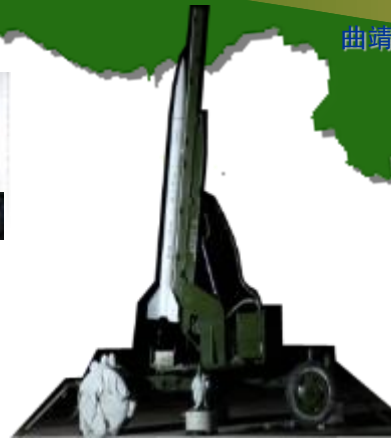
ASAI FPI



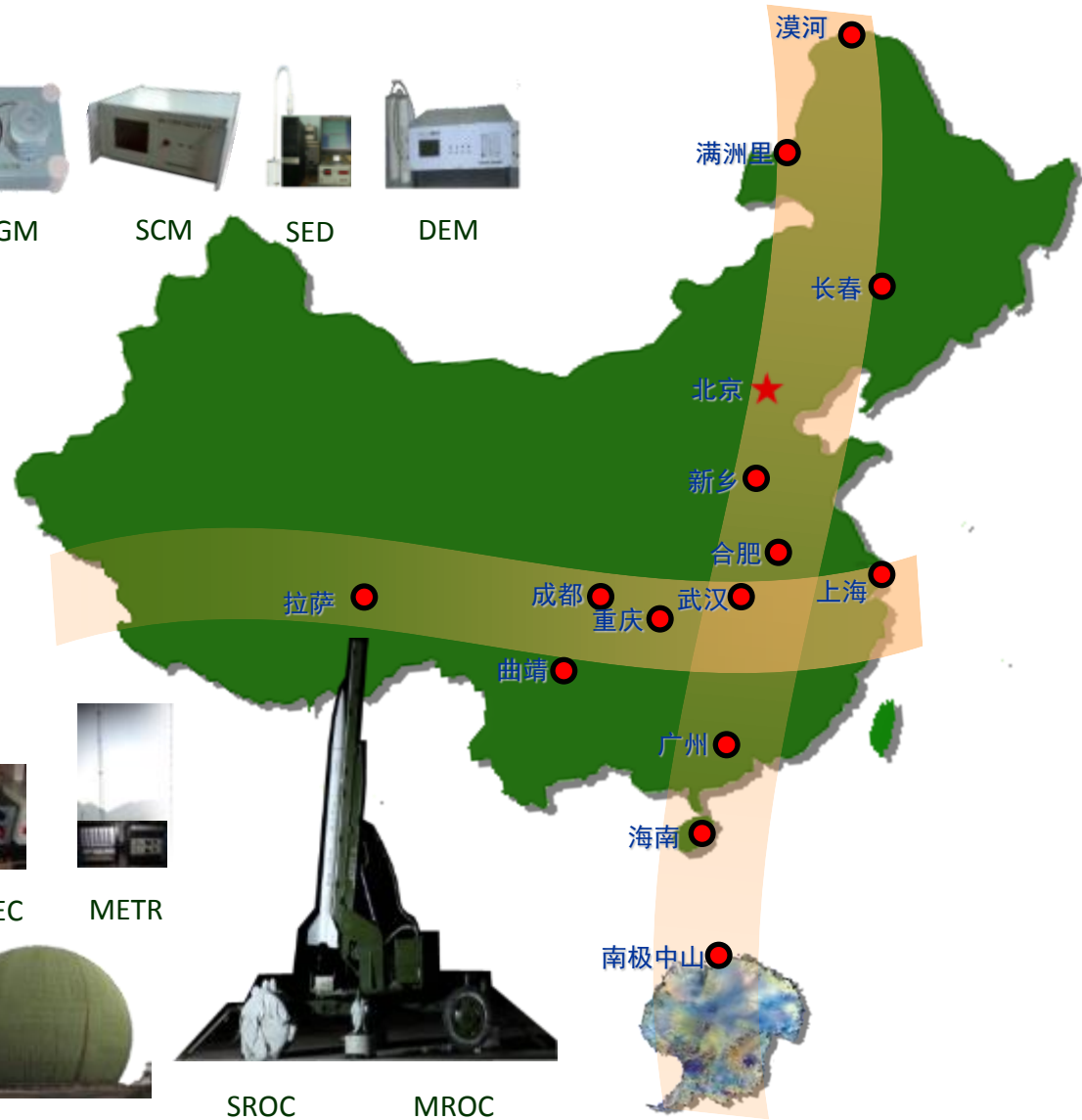
LIDA AURO



CRM TEL IPS DPS IONO DOPP TEC METR



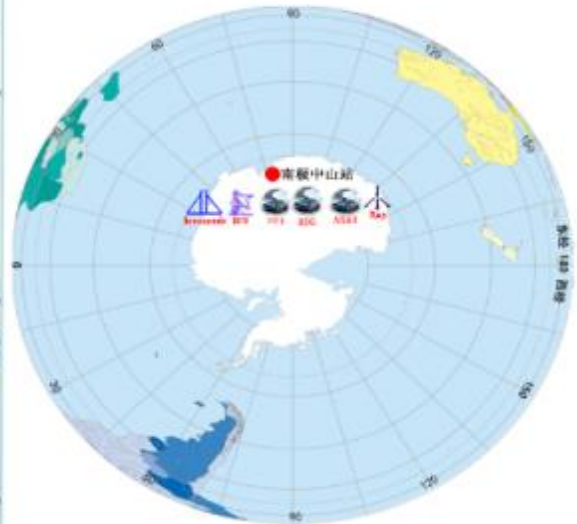
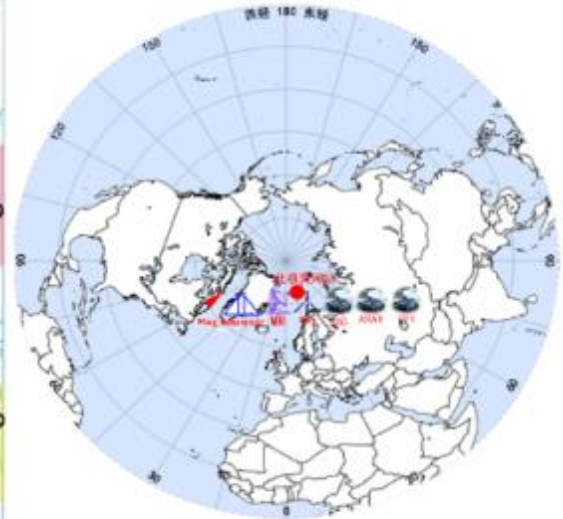
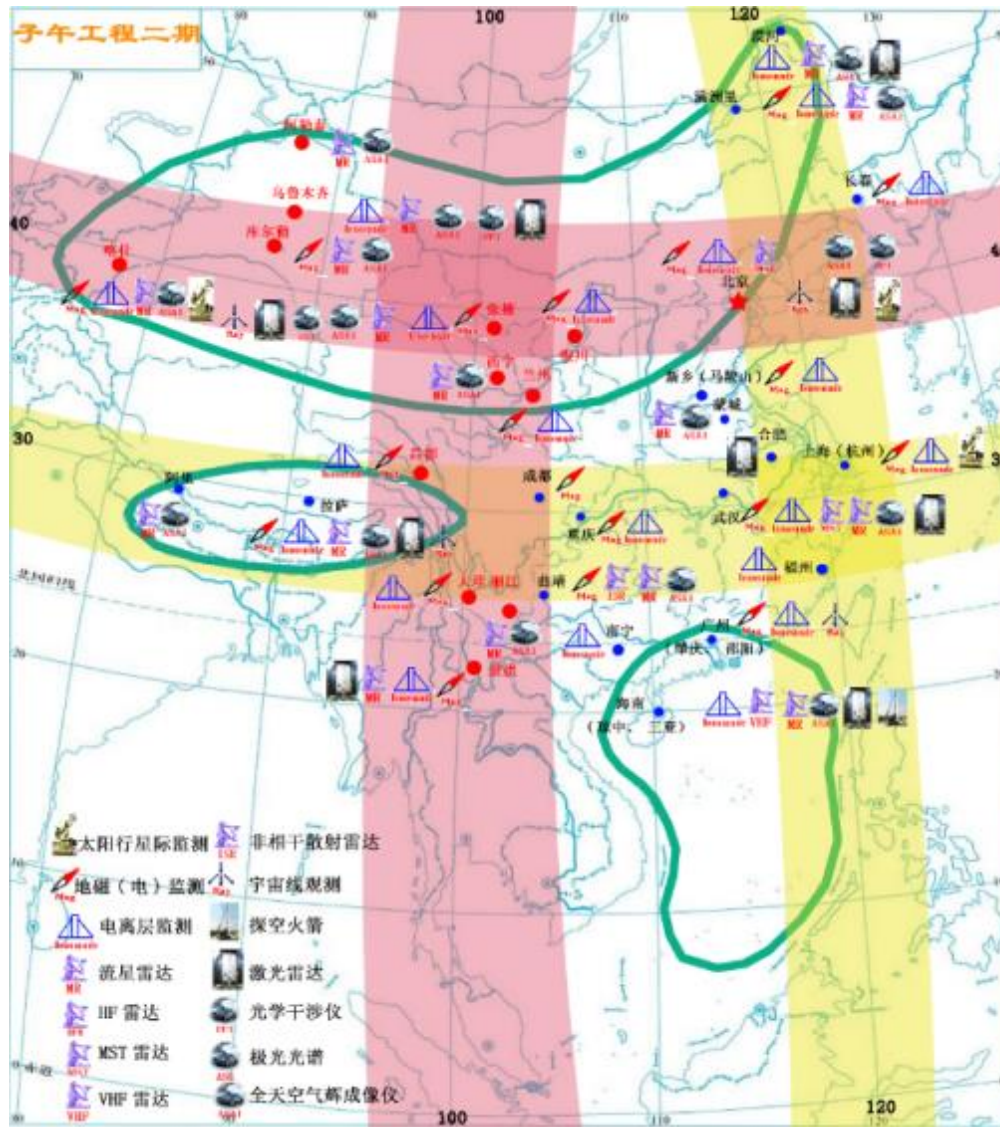
SROC MROC



Status

- **Chinese Meridian Project started data collection in Oct., 2012**
- **Up to Jan., 2016, it has collected 3.8 TB of scientific data for 23 space environment key parameters.**
- **More than 200 peer – reviewed paper have been published.**

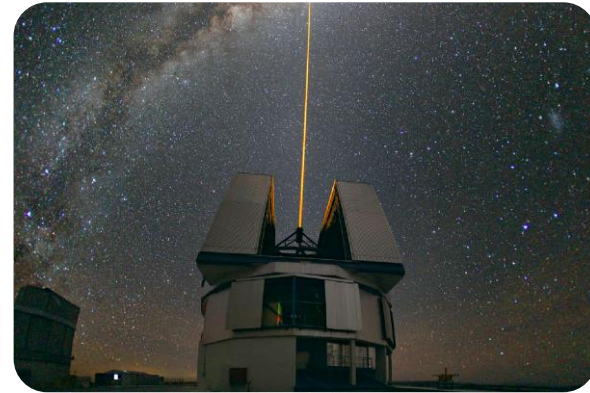
Meridian Project II



Key Instruments



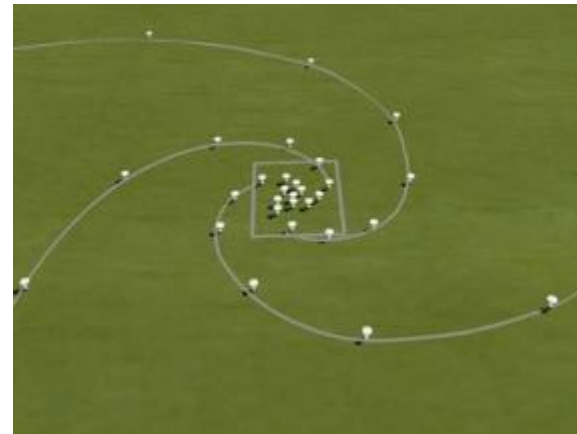
Advanced Modular ISR



Multi-function LIDAR



SuperDAWN Radar

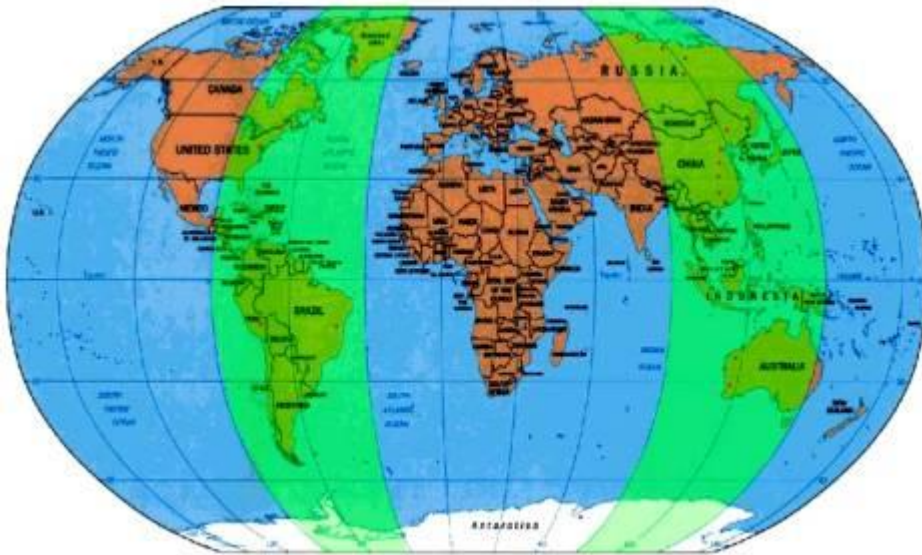


Solar Radio Heliograph

Status

- **Chinese Meridian Project II has been listed as one of the national key mega scientific infrastructure in 2016-2020 in China (Ranked #1 from 10).**
- **The construction phase is expected to start in 2018.**

International Space Weather Meridian Circle Program (IMCP)



To connect 120°E and 60°W meridian chains of ground based monitors worldwide, in order to provide a global picture of unfolding space weather events.



First Announcement of 2017 International Space Weather Meridian Circle Program Workshop

May 15 - 17, 2017
Qingdao, Shandong, China
<http://imcp2017.csp.escience.cn>

Local Organizing Committee

Co-Chairs: Chi WANG (China)
Jian WU (China)

Program Committee

Co-Chairs: Weixing WAN (China)
John FOSTER (USA)
Shunrong ZHANG (USA)

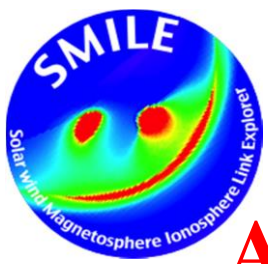
Workshop Agenda

May 14: Registration and Welcome Reception
May 15: Opening and Invited Session
May 16: Sessions
May 17: Closing Session and Technical Visit

Contact Info:

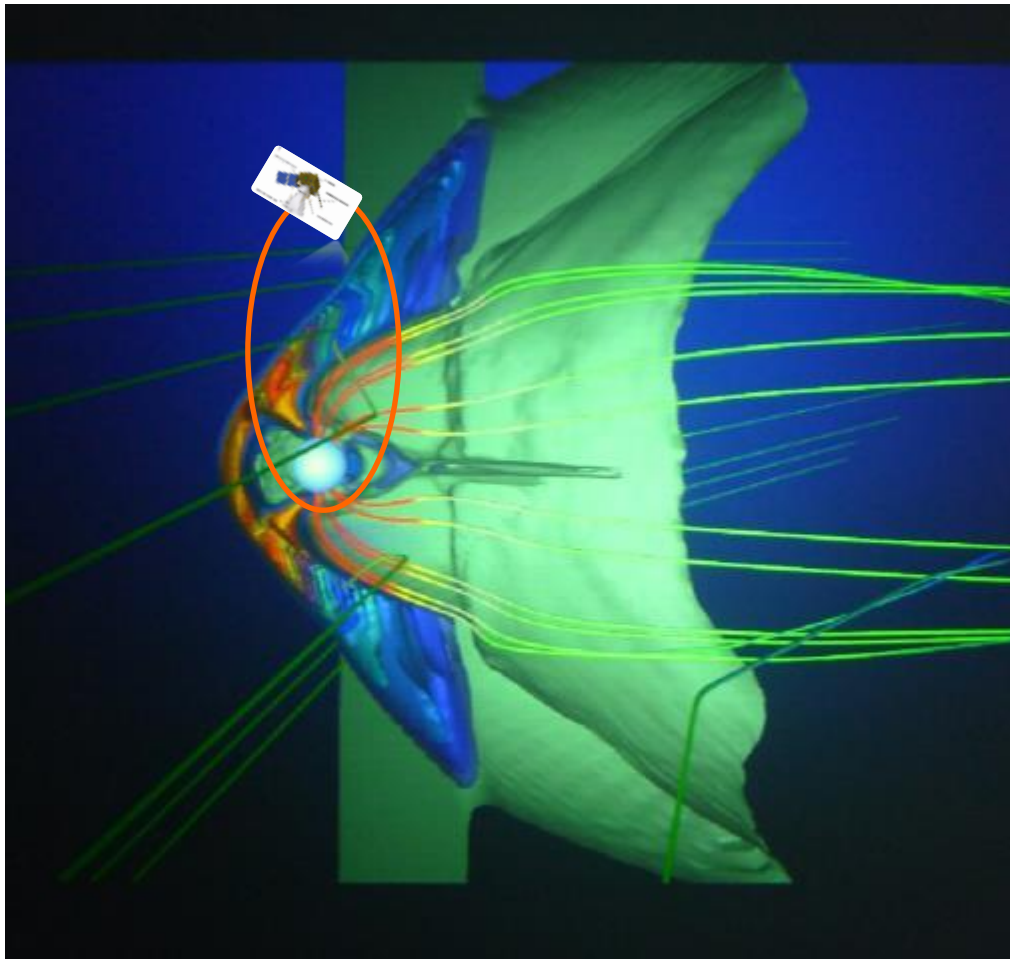
Mr. Yongjian XU, xuyongjian@nssc.ac.cn
Ms. Xin AN, octc22zhh@163.com
Ms. Xiaoyu LI, lxyl@nssc.ac.cn

- 2017 IMCP Workshop
- May 15-17, 2017
- Qingdao, China

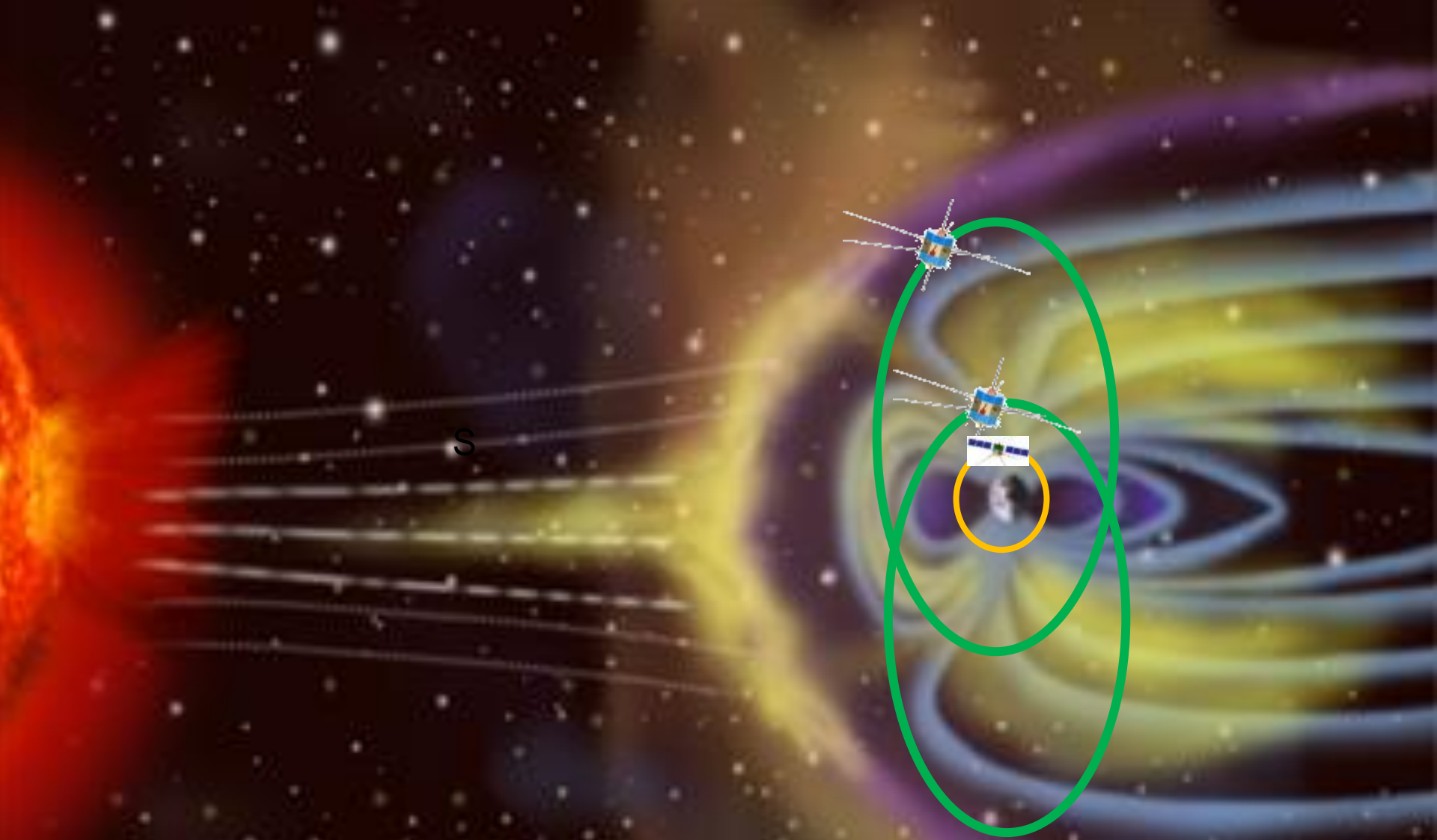


SMILE:

A new mission to image the magnetosphere

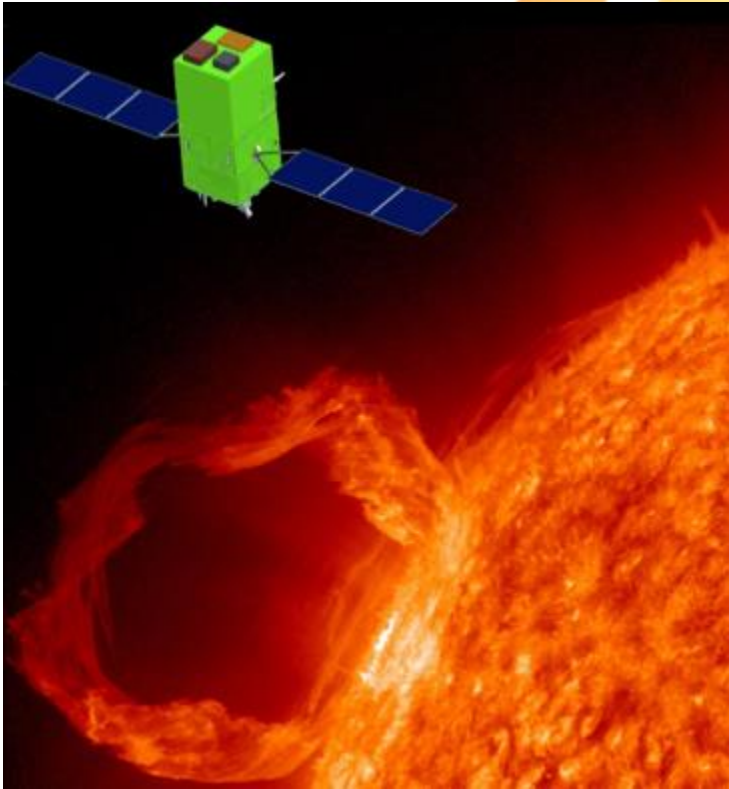


- **SXI, UVI**
- **Polar Orbit, 20 R_E apogee**
- **Launch: 2021-2022**



**Magnetosphere—Ionosphere—Thermosphere (MIT)
Coupling Exploration**

Science Objectives



- Solar magnetic field
- Flares
- CMEs