

Scientific Satellite Data Archives at JAXA

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- We will introduce scientific satellite data archiving activities in Japan, being carried out at JAXA.
- Current and past Japanese astronomical, solar and solar-terrestrial satellite data are archived at DARTS (<http://darts.isas.jaxa.jp>) database.
- JAXA is launching a lunar orbiting mission **SELENE** (SELenological and ENgineering Explorer) in August 2007.

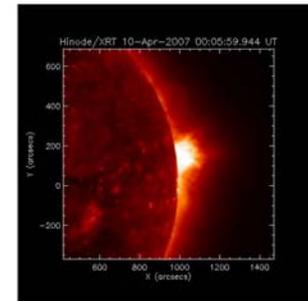
SELENE lunar database



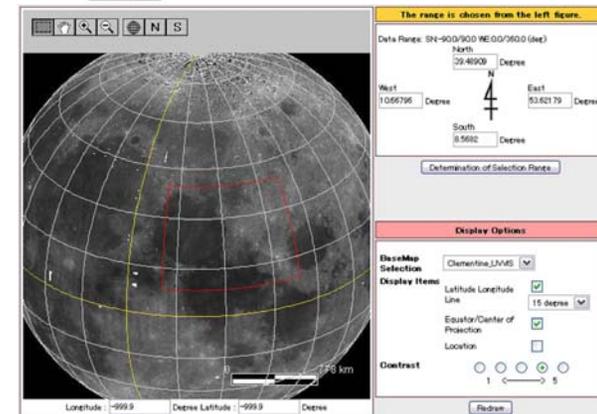
Start Time	2007-04-10T00:00:00.000
End Time	2007-04-10T23:55:00.000
Target Position X(arcsec)	
Target Position Y(arcsec)	
Instruments	SOT-FG, SOT-SP, XRT, EIS

XRT

Date / Time	XCEN	YCEN	Filter	Binning	EXP.	FOV(X)	FOV(Y)	IX	IY	From
2007-04-10T00:05:59.944	844.04	158.13	thin_Al_mesh	2x2	4.09726	1056.77	1056.77	812	812	S



Hinode
Solar
data



Database for heliospheric plasma science

in cooperation with Bepi-Columbo MMO

- **Bepi Colombo MMO will explore the mercury' magnetosphere.**
- Contribution to ILWS is desired.
- Collaboration with Solar Orbiter, Sun observations, Cross-Scale mission, etc.
- Current Planetary DB (PDS) is not suitable for this topic, and **the interoperability with heliospheric plasma science DB is required.**
- **Method to realize the interoperable DB must be considered.**
- Scope of DB should include not only the public use but also use for the mission team's data processing.
 - Simpler protocols are desired. Mission teams don't want to be burdened with DB.
- Interoperability with neighboring science field is desired.
 - Existing DB resources should be inherited.
 - It is better to define the I/F methods for interoperability.

