EuroPlaNet/HELIO VO use case: Planets as Space-Weather Probes (1)

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About this poster
This abstract (as well as several accompanying abstracts in this conference) presents a use case of the Virtual Observatory for Planetary Science being defined in JRA4/IDIS. This abstract also covers the objectives of the HELIO project (Heliophysics Integrated Observatory). The goal is to illustrate possible applications of a VO system in the context of this session.

The EuroPlaNet-R1 and HELIO project are funded by the European Commission under the 7th Framework Program, grants 228319 and 238969 “Capacities Specific Programme”.

Science case
- We study a corotating interaction region (CIR) observed in early 2008 from Mercury to Saturn, comparing all available data sources (in-situ probes and remote observations) and solar wind propagation models. This poster shows the inner solar system part of this study.
- A second poster for the outer planet part is shown in the MG5 poster session.

Extra information:
Plasma IDIS node: http://europlanet-plasmanode.oeaw.ac.at
CDPP: http://cdpp.cesr.fr
AMDA: http://cdpp-amda.cesr.fr/
SPASE: http://www.spase-group.org/
HELIO: http://www.helio-vo.eu/
mSWIM: http://mswim.engin.umich.edu
CCMC: http://ccmc.gsfc.nasa.gov/