

An Introduction to the ESA SPICE Server

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- All the SPICE data products produced by the ESA SPICE Support Team are available from the ESA SPICE server
- Some products produced outside of ESA are also available from the ESA SPICE server:
 - Generic Kernels produced by NAIF
 - Mission specific kernels produced by Scientific Institutes in Europe (e.g. Belgium Royal Observatory, DLR)



ESAC SPICE Server Basics

Solar System Science Operations Division

- **ESA SPICE Server URL**

<ftp://ssols01.esac.esa.int/pub>

- Here you may access all the SPICE products related to ESA Planetary Missions:
 - Kernels (generic and flight projects)
 - Software (GeoLib – Planetary Science Archive ‘**PSA**’ SPICE-based Generic Software)
 - Past Workshops Documentation

- **ESA SPICE Support Contact**

esa_spice@sciops.esa.int

- **ESA SPICE Web Portal (under construction)**

<http://www.rssd.esa.int/index.php?project=SPICE>



Getting ESA Missions SPICE Kernels

Solar System Science Operations Division

- All the ESA Planetary Missions SPICE kernels are available on:
 - ESA SPICE Server
<ftp://ssols01.esac.esa.int/pub/data/SPICE>
 - NAIF Server
<ftp://naif.jpl.nasa.gov/pub/naif>
<http://naif.jpl.nasa.gov/>
- SPICE notifications available on request
 - For all ESA Planetary Missions SPICE kernels production
 - For general SPICE information
 - Interested? Send your query to esa_spice@sciops.esa.int

- There are PSA/PDS archived kernels for the following missions:
 - Rosetta
 - Mars Express
 - Venus Express
- Two methods for obtaining PSA/PDS archived kernels will be available :
 - Directly from the ESA SPICE Server, using your browser or an FTP client.
 - Using the generic PSA interface, using your web-browser
www.sciops.esa.int/psa
- These kernels will also be available from the NAIF node of the Planetary Data System.