Consultation BDD

Centre de données de la Physique des Plasmas (CDPP)

Type

AA-ANO6, AA-ANO5

Coordination

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Description

The CDPP (Centre de Données de Physique des Plasmas) was created in 1998 jointly by CNES and INSU. Université Paul Sabatier, Toulouse and the Observatoire de Paris are now also official partners. The CDPP is the French national data centre for natural plasmas of the solar system. The CDPP assures the long term preservation of data obtained primarily from instruments built using French resources (Cluster, Rosetta, Solar Orbiter among many other), and renders them readily accessible to and exploitable by the international community. The CDPP also provides services to allow user defined data visualisation, merging, computation, search and extraction on data content (see AMDA, the Automated Multi-Dataset Analysis service). Other tools enable to visualize data and models in 3D planetary context (3DView), to correlate solar perturbations to in-situ data by computing propagation times (Propagation Tool) and to apply vector transformations from one coordinate system to other (TREPS). The CDPP is involved in the development of interoperability, and participates in several Virtual Observatory projects (Europlanet, Helio, Vispanet, IMPEx).