



Virtual Observatory implementation for SpaceWeather products from single LOFAR station PL610

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The Virtual Observatory is a method of organizing data sets and other resources connected through common interfaces that facilitate access to data and the research process. In the framework of the Europlanet RI program the Virtual Observatory in Space Research Centre PAS have been established and several product form the resources of Physics Plasma Division have been published. These include RWC alerts, ionosondes data and selected observations from LOFAR PL610 station, that proves usability of VO technology in Space Weather applications. The main aim of this activity is to connect related data in a big archive and to make on-line data access and visualization possible based on the Table Access Protocol (TAP). This work also includes short information for data providers about creating their own VO services.