



The ULISSE FP7 project new system for data exploration and dissemination

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The ULISSE FP7 project is aimed at providing the users with tools for improving data valorisation and exploitation of European space science experimentation. The activities are aimed at increasing the involvement of specialized communities and the awareness of general public. ULISSE will provide scientific and technical data concerning most scientific disciplines, as Life Sciences including Space Medicine and Exobiology, Biotechnology, Material and Fluid Sciences, Space Science. Data that will be available through ULISSE concern previous space experiments on ISS as well as data from other space platforms, like sounding rockets, Foton capsule, Space Shuttle, etc. This dataset, coming from a wide ensemble of experiments, represents a relevant resource that ULISSE brings to a new life, exploited for testing and demonstrative purposes. A relevant part of the project foresees that data, services and tools are integrated through the ULISSE middleware platform, developing a distributed infrastructure for the distribution of the scientific data coming from space experiments. ULISSE expected benefits maximise the return from scientific space missions by maximizing the exploitation of available data and preparing the exploitation of future space mission and increase the public awareness about space research results and benefits involving a wider community also including educational bodies. The aim of this presentation is also to show the survey of space physics experiments performed on ISS.