

Russian Virtual observatory - national segment of the International Virtual observatory

O.B. Dluzhnevskaya

Abstract

Traditional way for discovery of astronomical objects involves investigation, creation and use of new telescopes and observational methods. The creation of Virtual Observatory (VO) allowed to change this scheme, using existing data gathered in the archives and catalogues for the new discoveries. The main goal of the VO creation is to allow the users access to data that were once received, from every telescope in the world to any computer, at any time. Virtual observatory includes: astronomical data (as archives of space and ground-based telescopes, catalogues, databases); tools for search, data access, and data processing; scientific applications of the results of data processing.

About authors

O.B. Dluzhnevskaya - Institute of Astronomy of Russian Academy of Sciences
