



## **User Access to the European Grid of Solar Observations**

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The European Grid of Solar Observations (EGSO) is a grid testbed funded by the European Commission's Fifth Framework Programme under its Information Society Technologies (IST) thematic priority. The project started in 2002 and is designed to provide enhanced access to solar and related data around the world. One front-end of EGSO is a Graphical User Interface (GUI) that allows the user to access all the services offered by the grid from a common and integrated interface. Other front-ends are an IDL API and various dedicated web interfaces to access all the different catalogs built in the frame of this project like the Solar Event Catalog (SEC) the Solar feature Catalog (SFC) the Unified Observing Catalog (UOC). The GUI, as well as the API, provides also users with external processing services like those offered by the Collaborative Sun-Earth Connector (CoSEC), another virtual observatory-like project. In this paper we will present the EGSO front-ends with a special focus on the GUI. We will also demonstrate interactions between catalogs and the query system underlying the user interfaces in order to help the user when specifying complex scientific queries and eventually retrieving the corresponding solar data. More information about EGSO can be found under <http://www.egso.org/>