



Contribution ID: 55

Type: **Session/Workshop**

EGI Workload Manager Service

The EGI Workload Manager service provides an easy access to the EGI computing and storage resources for users from various scientific domains. It helps to increase the efficiency of grid and cloud computations for individual users with moderate requirements as well as for large user communities needing a powerful workflow management system.

The Service is built with the software provided by the DIRAC Interware project. The software is rapidly evolving in order to accommodate new technologies in grid and cloud computing including new types of resources, new security frameworks, etc. Users can access the service with a variety of interfaces, including the Web interface. The DIRAC API's allow creation of specific application portals taking a full advantage of the workflows management by the EGI Workload Manager.

During the proposed session we will provide an overview of the service main features and capabilities, user interfaces and the overall status of the project evolution. Recent developments in the EGI cloud integration, OAuth/OIDC AAI frameworks and others will be discussed. Examples of the service practical usage by several user communities will be presented. In particular, we envisage reports from the WeNMR and Biomed communities which have a long-lasting experience with the use of the EGI Workload Manager.

The goal of the session is to attract new users by showing advantages offered by the service and to demonstrate how to get started quickly with its usage. We will discuss typical problems of new user communities and will propose appropriate solutions

Most suitable track

Delivering services and solutions

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Session Classification: Delivering Services and Solutions - Workshop