

Federation services, federated services by EGI for life sciences

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The European Grid Infrastructure (EGI) is a federation of over 340 resource centres, set up to provide computing services and resources to European researchers and their international collaborators. EGI is coordinated by EGI.eu, a not-for-profit foundation created to manage the infrastructure on behalf of its participants: National Grid Initiatives (NGIs) and European Intergovernmental Research Organisations. EGI supports research collaborations of all sizes: from the large teams behind the Large Hadron Collider at CERN and Research Infrastructures in the ESFRI roadmap, to the individuals and small research groups that equally contribute to innovation in Europe.

Multi-national scientific communities can draw many benefits from having a partnership with EGI. For example, they can have uniform access to the massive computation resources and support services of the National Grid Initiatives, they can benefit from the workshops and forums organised by EGI members, they can receive support on resolving specific technical issues, and they become involved in the user-focused evolution of EGI's production infrastructure. Also, the technological solutions that have been developed by the EGI/NGI community over the last 10-15 years can be customized and reused for life science research infrastructures.

The presentation will provide an overview of the EGI services that are available for life science communities, and will highlights some recent achievements that these services enabled in life science research.

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Session Classification: Going beyond grid to enable life science data analysis