Contribution ID: **40** Type: **presentation**

Federated Identity Management for Research

Tuesday, 10 July 2018 15:00 (15 minutes)

Federated identity management (FIM) is an arrangement that can be made among multiple organisations that lets subscribers use the same identification data to obtain access to the secured resources of all organisations in the group. In many research communities there is an increasing interest in a common approach to FIM as there is obviously a large potential for synergies. FIM4R [1] provides a forum for communities to share challenges and ideas, and to shape the future of FIM for our researchers. Current participation covers high energy physics, life sciences and humanities, to mention but a few. In 2012 FIM4R converged on a common vision for FIM, enumerated a set of requirements and proposed a number of recommendations for ensuring a roadmap for the uptake of FIM is achieved [2]. FIM4R is currently working on an updated version of this paper, to be published in spring 2018.

The HEP Community has been heavily involved in creating both the original whitepaper and this new version, which will document the progress made in FIM for Research, in addition to the current challenges. During this presentation we will share the conclusions of this second FIM4R whitepaper and present a summary of the identified requirements and recommendations. We shall focus particularly on the direction being taken by WLCG, through the WLCG Authorisation Working Group, and the requirements gathered from the HEP Community.

[1] https://fim4r.org
[2] https://fim4r.org/documents/
[3] https://aarc-project.eu
[4] https://www.geant.org/Projects/GEANT_Project_GN4

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Session Classification: T3 - Distributed computing

Track Classification: Track 3 –Distributed computing