Contribution ID: **288**   Type: **Plenary reports**

Advanced global network services to support research excelence

Thursday, 13 September 2018 11:30 (30 minutes)

With the focus on cloud services and the benefits of using the exclusive contracts with major cloud providers made by the effort of the community, GÉANT provides unique access to the cloud resources for all its members.

Based on CERN experience and data generated by LHC, especially with CMS experiment, working with physics community has been always challenging for GEANT so as the motivation to provide best services possible to accelerate top research on European and thanks to cooperation with overseas partners also at global scale.

As there is a strong cooperation between physical research teams in Geneva and Dubna, GÉANT is investigating ways to optimize the connection between the research institutions and labs.

This paper (and hopefully presentation) will focus on possible solutions of interconnection of the cooperating research teams in JINR and CERN in order to support their research activities. The situation in Russia was so far more complicated than in other countries due to the existence of more National Research and Education Networks (aka NRENs) providing services to different customers and they were not so keen to cooperate in order to be able to deliver optimal supportive environment to the community it deserves.

Summary

This paper (and hopefully presentation) will focus on possible solutions of interconnection of the cooperating research teams in JINR and CERN in order to support their research activities.

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Session Classification: Plenary reports