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Security challenges in development and operation of EISCAT 3D

Tuesday, 4 June 2024 11:45 (15 minutes)

EISCAT Scientific Association are currently building EISCAT 3D, the next generation research radar on the Northern European mainland.

This is a research infrastructure that will significantly enhance the capabilities of ionosphere and near Earth space research. The design and complexity of the system rise challenges that are new to our research communities but more commonly encountered in particle physics and radio astronomy. In addition to that there are also new issues related to EISCAT 3D being a multistatic antenna array system.

Length

15 minutes

Optional: Speaker / convener biography

Physicist with PhD from Umeå University (for work at the Swedish Institute of Space Physics, Kiruna). Working at EISCAT since 2013, now focusing on data access for scientists.

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