

## Stuttgart Workshop 2019 - Session 5 Safety and Security

Title: SGSLR safety and security across global locations

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Abstract:

The first deployments of the new Space Geodesy Satellite Laser Ranging (SGSLR) systems will be to the Goddard Space Flight Center and the McDonald Observatory in the United States, and to Ny-Ålesund in Norway. Personal safety, system safety, laser safety, and physical security will have many common approaches between these locations, but will differ due to national laws and regulations as well as specific requirements of the local sites. Both the internal communications network and the internal network security approach for SGSLR will be the same for all sites, but the connections to the external network may vary between locations. This presentation will describe the safety and security plans for SGSLR, and explain the differences between the sites.