

## and Sustainment

*Tuesday, 20 June 2023 14:20 (15 minutes)*

Modernization of technology and work processes during the last decade at NORSAR. How technology, state of health (SOH) monitoring and efficient work processes can contribute to quality, data availability and increased performance. In the last few years NORSAR has established a modernized SOH system based on Nagios, PostgreSQL and Grafana to monitor and log uptime and SOH of our installations and processes. An increased focus on risk mitigation and remote control capabilities has, together with the improved SOH tools, meant more efficient operations and higher uptime. Through risk analysis NORSAR has identified some of the challenges of the future. This presentation will give an overview of NORSARs experiences in lifecycle management and SOH monitoring system for efficient operations and sustainment of large International Monitoring System array stations. It will also look at the financial aspects and challenges of long term sustainment of large scale infrastructure and potential high impact risk factors within operation and sustainment of such stations.

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### Promotional text

Examining the past, present and future with a focus on modernization and sustainment.

### Oral preference format

in-person

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