WELCOME

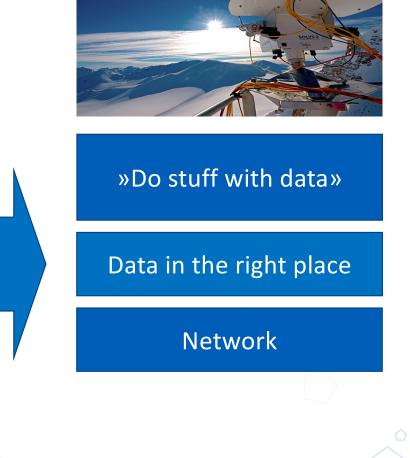
13th SIG NGN meeting Virtual - 7 December 2023



NORDUnet Nordic Gateway for Research & Education

NETWORKS FOR DATA DRIVEN RESEARCH

- anyone, anywhere, anytime, any size
- Trivial to use; available to all researchers and data stewards
- Support science workflows & data lifecycles
- Ubiquitous, secure, supported
- Driven by needs of research communities



05/10/2022

NORDUNET - A REGIONAL INFRASTRUCTURE



MAXIMIZING PERFORMANCE

- A core mission of NRENs
 - ... but how do we do it
 - and what are we performance engineering for?
- Two short NGN workshops on network performance engineering
 - Measuring network performance (October)
 - Engineering for performance (today)
- Focus on research traffic

AGENDA

- Setting the scene
 - Research Infrastructures and Networks Xavier Espinal
 - Impact of streaming computation, load balancing Yatish Kumar
 - Network / instrument integration Jani Myyry
- Q&A
- Network performance engineering
 - IP / Optical integration for performance Sebastiano Buscaglione
 - Do we engineer for elephant flows? Yatish Kumar
 - Discussion (Mian Usman)

THANK YOU!

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