

GEANT-Lhccone developments

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LHCONE meeting

Oslo 20-21 September

“Upcoming developments” from Stockholm meeting



- Nordunet/NDGF currently connected at Netherlight, moving to GEANT/Copenhagen **DONE**
- Slovenian T2 to be connected via ARNES to GEANT VRF (Budapest and Vienna) end of May 2012 **DONE**
- Dedicated 10G Geneva-Starlight for peerings between GEANT and {I2 and ESnet } ordered, due end of June 2012 **DONE**
- Installation of perfsonar-mdm in key network points (Amsterdam, Geneva, NRENs...) in progress **ONGOING**, update from **Domenico**

Other developments



- 2nd 10G Geneva-Chicago due 9 October
 - Funded by GARR
 - Dedicated to LHCONE and CDF (fermi-cnaf)
 - 20G vlan for LHCONE
 - CDF expects to use max 5G for ~5 months
- Dialogue with CESNET to connect in Prague at 10G
- 2G Moscow-CERN to support Russian T1 trial
- Discussions with China started

Recap GEANT capacity for LHCONE



- Current backbone shared with general IP, up to 40Gbps
- Migration to 100Gbps backbone in progress, due to complete May 2013
- Transatlantic:
 - Amsterdam-MANLAN 30G shared
 - Frankfurt-WIX 20G shared (plan to be 30G)
 - Geneva-Starlight 10G dedicated (from 10 Oct 20G)



