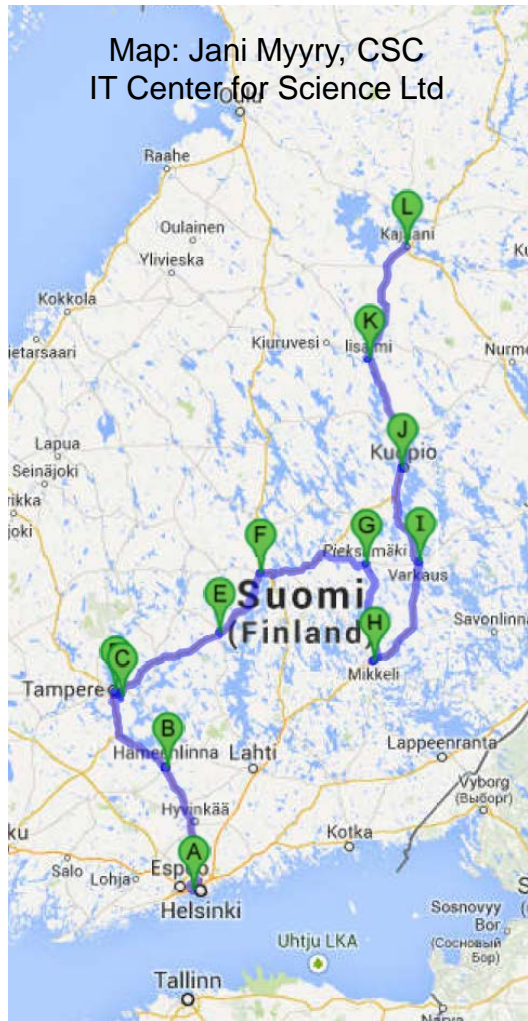


Espoo - Kajaani WR time link - 1000 km



- **100x longer than WR-spec of 10km!**
- Uplink + downlink at 196.0 THz in FUNET Coriant DWDM network operated by CSC.
- **Not bidir-optics as in WR-spec!**
- GrandMaster node locked to UTC(MIKE) at Espoo
- Slave node at Kajaani outputs PPS
- WR-link compared against GPS-PPP solution using Dicom GTR50/51 receivers at both ends of link.
- Result: <2 ns error over 60 days