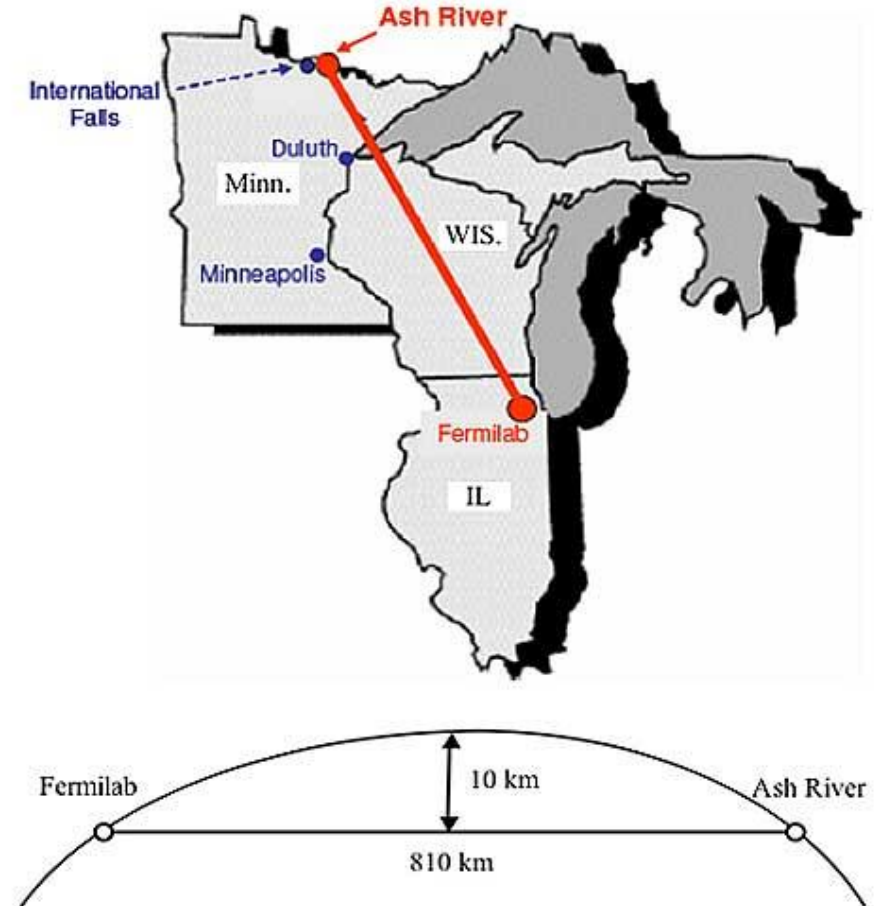


# NOvA experiment at FNAL

- NOvA experiment  
Neutrino oscillation accelerator  
experiment with FD at Ash River
  - Oscillation parameters
  - CP violation
  - ...
- FZU offers 1500 job slots on its Tier2  
25% of computing capacity to NOvA
- NOvA is taking data
- First publications appearing



# NOvA on LHCONE Update

- Taipei LHCOPN/LHCONE meeting:
  - M. Locajicek requests use of LHCONE for FZU <-> FNAL NOvA traffic
  - Endorsed by LHCOPN/LHCONE group
  - P. DeMar charged with drafting letter to WLCG requesting approval for **NOvA**
- 5/11/2016 - NOvA request letter sent through Edoardo to WLCG:
  - Primary use of LHCONE will be FZU <-> FNAL (estimated 3-5Gb/s peak)
  - Use by other NOvA sites not expected, but not excluded
- 6/7/2016 - NOvA collaboration info provided for LHCONE twiki
  - NOvA web site, spokespeople, sites, security policies, contacts
- 6/22/2016 - Response from Edoardo – NOvA approved to use LHCONE

# Current Status of NOvA traffic on LHCONE

- None yet
- FZU negotiating with CESnet on increasing LHCONE b/w
- FNAL completed data center modifications to accommodate NOvA traffic on LHCONE
- Still need to do before/after performance studies

# Future non-LHC petitions to use LHCONE

- From Edoardo:

FYI: the WLCG Management Board has proposed that the LHCONE community makes the decision whether a collaboration can join LHCONE or not, and just inform the WLCG boards of the outcome. A process has been drafted here and will be discussed at the next LHCONE meeting in Helsinki:

[https://twiki.cern.ch/twiki/bin/view/LHCONE/LhcOneAup#Procedure to include additional](https://twiki.cern.ch/twiki/bin/view/LHCONE/LhcOneAup#Procedure_to_include_additional)