

# **Proposed Working Group Network and Transfer Metrics**

Marian Babik, Shawn McKee

# Proposed Mandate

- Ensure all relevant network and transfer metrics are identified, collected and published
- Ensure sites and experiments can better understand and fix networking issues
- Enable use of network-aware tools to improve transfer efficiency and optimize experiment workflows (e.g. ANSE project; see

[http://www.internet2.edu/presentations/tip2013/20130116\\_barczyk\\_anse.pdf](http://www.internet2.edu/presentations/tip2013/20130116_barczyk_anse.pdf) )

# Objectives

- Identify and continuously make available relevant transfer and network metrics
- Document metrics and their use
- Facilitate their integration in the middleware and/or experiment tool chain
- Coordinate commissioning and maintenance of WLCG network monitoring
  - Finalize perfSONAR deployment
  - Ensure all links continue to be monitored and sites stay correctly configured
  - Verify coverage and optimize test parameters

# WG Proposed Membership

- Chairs: Shawn McKee, Marian Babik
- Members: propose to invite previous members of the perfSONAR-PS TF responsible for different clouds
  - See <https://twiki.cern.ch/twiki/bin/view/LCG/MeshUpdates>
  - Fill-in members for missing clouds
- Invite members knowledgeable about FAX, AAA, FTS, PhEDEx, Panda or Rucio