

**GLIF Americas (GLIF-Am) Community Meeting**  
**Monday, September 29, 2014 (1:30 – 4:30 pm)**  
**Wakatipu Room, Rydges Lakeland Resort**  
**Queenstown, New Zealand**

**Attendee List and Meeting Agenda**  
**Distributed July 25, 2015**

*Note: Minutes were not taken at this meeting. Below is a list of attendees and the meeting agenda.*

**Attendees**

Jeronimo	Bezerra	FIU	jbezerra@fiu.edu
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**A. Meeting Objectives**

1. Meeting logistics overview (1:30-1:35, 5 min)
2. Introductions (1:35-1:45, 10 min)
3. Review of agenda/meeting objectives (1:45-1:50, 5 min)
4. Review of key topics/conclusions from GLIF-Am 2013 meeting in Singapore (1:50-1:55, 5 min)

**B. Major Trends in the Americas' International Connection Requirements and Communities Served**

1. New opportunities for 100 Gbps international paths (1:55-2:05, 10 min)
2. Projections for resources required *beyond* bandwidth 2014-2021 (2:05-2:00, 5 min)
3. Areas of major potential new technology based opportunity (2:00-2:05, 5 min) (For example, OpenFlow based networks, programmable networks – aka Software Defined Networks, SDN Exchanges (SDXs), SDI, Cloud Computing, Transoceanic Fiber Builds, Distributed NOCs, etc.) (2:05-2:15, 10 min)
4. Early implementations (2:15-2:20, 5 min)
5. Major emerging architectural trends (2:20-2:25, 5 min)

**C. Key Initiatives Related to North and South American R&E International Networking**

1. National Science Foundation International Research Network Connections Program (IRNC)
  - a. GLORIAD (2:25-2:30, 5 min)
  - b. AmLight (2:30-2:35, 5 min)
  - c. TransLight/PacificWave (2:35-2:40, 5 min)
  - d. TransPAC3 (2:40-2:45, 5 min)
  - e. ACE (2:45-2:50, 5 min)
  - f. TransLight/StarLight (2:50-2:55, 5 min)
2. DOE ESnet trans-Atlantic networking initiatives (2:55-3:00, 5 min)
3. DOE USLHCnet/LHCOPN/LHCONE (3:00-3:05, 5 min)
4. Internet2 international networking perspective (3:05-3:10, 5 min)
5. ANA Summary (3:10-3:15, 5 min)
6. CANARIE international networking perspective (3:15-3:20, 5 min)
7. RNP (3:20-3:25, 5min)
8. RedCLARA (3:25-3:30, 5 min)
9. KyaTera-Fapesp (3:30-3:35, 5 min)

**D. Potential for Implementing International Control Frameworks, Specifically, Status on Migrating Emerging Standard Network Service Interface (NSI) To Production (3:35-3:40, 5 min)**

**E. Projected Future Plans (2-3-5 Years) for the Americas GLIF GOLE Exchange Points**

1. SouthernLight (3:40-3:45, 5 min)
2. Pacific Wave/PNWGP (3:45-3:50, 5 min)
2. MAN LAN (3:50-3:55, 5 min)
3. Ampath (3:55-4:00, 5 min)
4. StarLight (4:00-4:05, 5 min)
5. MAX /WIX (4:05-4:10, 5 min)

**F. Processes for Implementing Innovative New Services Across International Facilities, Including for Large-Scale Research Projects -- International Research Testbeds (US's iGENI/GENI, Europe's FIRE, Japan's New Generation Network (NWGN), G-Lab, K-GENI, etc.) (4:10-4:15, 5 min)**

**G. Wrap-Up**

1. Summary of identified key topics/issues/recommendations (4:15-4:25, 10 min)

2. **Final items, plans for subsequent** communications, schedule for next meeting, plans for distribution of minutes (4:25-4:30, 5 min)