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International Federation:

Resources and Projects

GENI Engineering Conference (GEC14)
Cambridge, MA
July 9-11, 2012

Julio Ibarra
Florida International University

- NSF International Research Network Connections (IRNC) award (OCI-0963053)
- AMLIGHT East:
 - Miami (AMPATH IXP)
 - Sao Paulo (Southern Light IXP)
 - 2 x 10G connections
- ANSP, RNP, Kyatera and RedCLARA regional and national backbone networks
- Supporting hybrid network services



Resources at Academic Network of São Paulo

- 10G connection to the U.S. over AmLight
- Multiple 10G backbone network connections
- 10 servers
 - Intel E5 processors
 - 8GB RAM, upgradable to 500GB
 - 2TB RAID storage
 - 5 x 1 Gb Ethernet network interfaces
- Testing DataCom Openflow switches
 - 12 x 10G ports
 - 2 x 10G plus 24 x 1G
 - Expecting to start operations in Sept-Oct timeframe

Projects

- PrimoGENI: Prof. Dr. Jason Liu, PI
 - Spiral 3 award
 - <http://groups.geni.net/geni/wiki/PrimoGENI>
- Agir: Ambiente Global para Inovação em Redes (same as GENI in Portuguese)
 - Prof. Dr. Luis Lopez, PI
 - Now a sub-project of ANSP
 - Expected to evolve into a program by the end of the calendar year
- FIBRE
 - Prof. Dr. Cesar Marcondes, PI



Thank You
Jason Liu <liux@cis.fiu.edu>
Julio Ibarra <julio@fiu.edu>
Heidi Alvarez heidi@fiu.edu
Luis F. Fernandez Lopez
<lopez@wfpd.com.br>