



WELCOME!

**Technical Working Group Meeting
Winter 2011**

“Tech WG”

Hong Kong, China – February 24&25, 2011



Where are we?

- Co-located with APAN 31 (& APRICOT 2011)

Thank you to many, especially APAN and Jacqueline Brown

- Meetings:
 - End of summer (lambda workshop)
 - Winters (interim Tech)
- GLIF Tech has “Task Forces”
- GLIF Tech coordinates demos from participants



Intro (1)

- Your co-chairs:
 - Gigi Karmous-Edwards (NCSU)
 - Erik-Jan Bos (SURFnet)
- Secretarial support:
 - Kevin Meynell (TERENA)
 - Peter Szegedi (TERENA)
- Mailing list:
 - < tech @ glif . is >



Co-chairship

Gigi and EJB co-chairs since years, since merger of Tech and Ctrl

EJB to leave SURFnet on March 1, 2011 (after 23.5 years at SURFnet)

Topic will come back tomorrow, as I hope to co-chair this GLIF Tech :-).

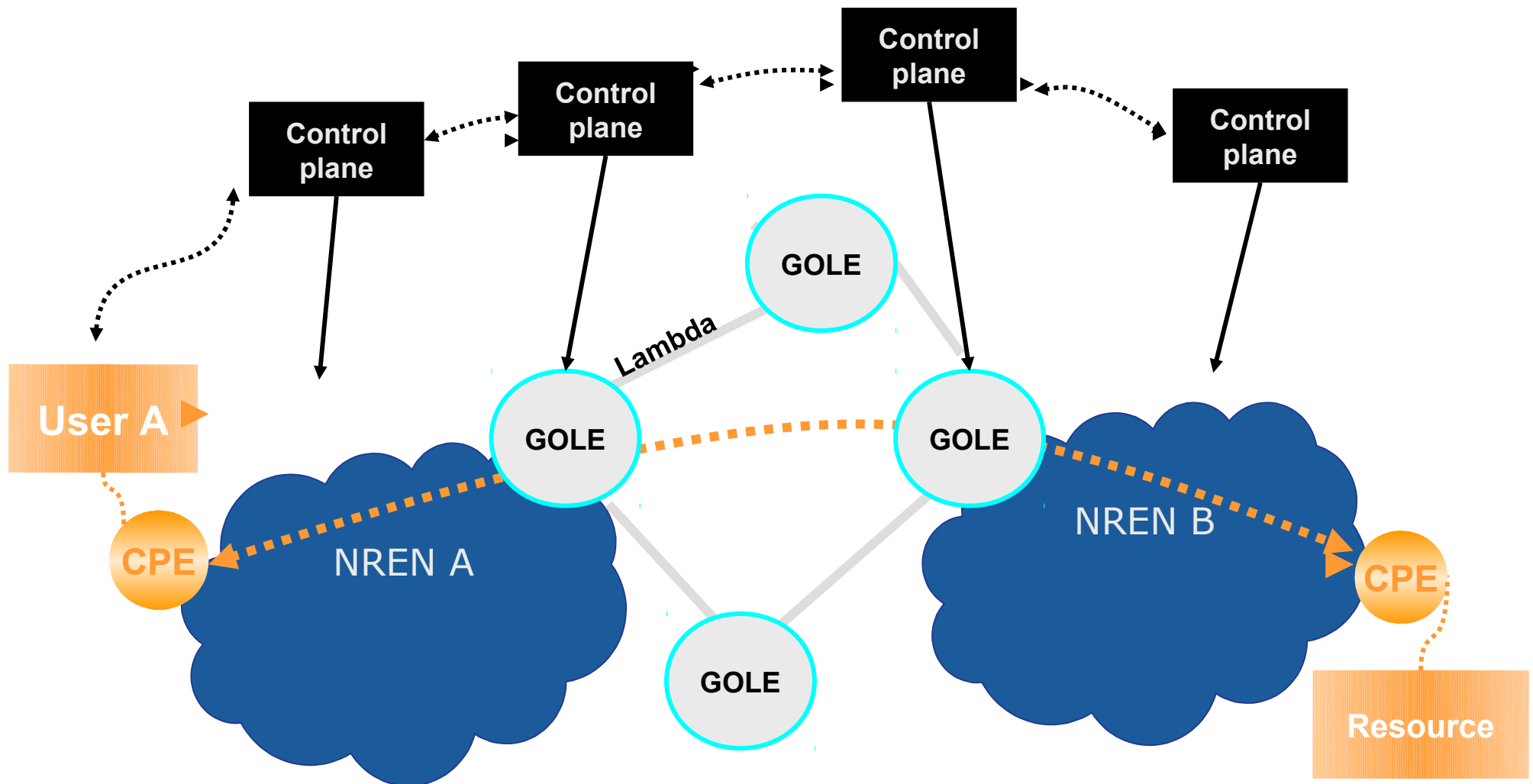


Intro (2)

Current GLIF Tech TFs and their chairs:

- Dynamic GOLE Services: Jerry Sobieksi
- GNI-API: Evangelos Chaniotakis
- Campus Networking Task Force: Ronald van der Pol
- Distributed Topology Exchange Task Force: Jeroen vd Ham
- Next Gen GOLE Architecture: Eric Bernier (not in HK)
- GOLE Governance Task Force: Bill St. Arnaud (kick-off, to be part of Gov WG, planned to meet at I2SMM)

The GLIF approach to lambda networking





GLIF resources

GLIF infrastructure:

- Lambdas shared by GLIF participants
- GOLEs (GLIF Open Lightpath Exchanges)
- And of course: Hybrid, lightpath capable networks run by the GLIF Participants

GOLEs on the Wiki:

- * **AMPATH - Miami**
- * **CERN - Geneva**
- * **CzechLight - Prague**
- * **HKOEP - Hong Kong**
- * **KRLight - Daejoen**
- * **MAN LAN - New York**
- * **MoscowLight - Moscow**
- * **NetherLight - Amsterdam**
- * **NGIX-East - Washington D.C.**
- * **NorthernLight - Stockholm**
- * **Pacific Wave (Los Angeles) - Los Angeles**
- * **Pacific Wave (Seattle) - Seattle**
- * **Pacific Wave (Sunnyvale) - Sunnyvale**
- * **SouthernLight - São Paulo**
- * **StarLight - Chicago**
- * **T-LEX - Tokyo**
- * **TaiwanLight - Taipei**
- * **UKLight - London**

High level agenda Day 1

February 24, 2011



- 09.00 - 09.20 Introduction - Erik-Jan Bos (SURFnet)
- 09.20 - 10.00 Campus Networking Task Force survey - Ronald van der Pol (SARA)
- 10.00 - 10.30 TERENA E2E Provisioning Workshop series - Peter Szegedi (TERENA)
- 10.30 - 11.00 Coffee
- 11.00 - 11.45 E2E service architecture verification - Jerry Sobieski (NORDUnet)
- 11.45 - 12.30 GOLE Governance Task Force discussion - Bill St. Arnaud (SURFnet) - remote speaker
- 12.30 - 14.00 Lunch
- 17.30 - 18.30 GLIF Demonstrations - Automated-GOLE Pilot project activities

High level agenda Day 2

February 25, 2011 (1)



- 09.00 - 09.20 Update on Generic Network Interface Specifications (GNI-API) Task Force and Fenius - Evangelos Chaniotakis (ESnet)
- 09.20 - 09.50 OpenDRAC update - John MacAuley (SURFnet)
- 09.50 - 10.30 OGF NSI-WG update - Inder Monga (ESnet)
- 10.30 - 11.00 Coffee
- 11.00 - 12.00 NSI implementation and demonstration - open discussion, chaired by Gigi Karmous-Edwards (NCSU)
- 12.00 - 12.20 Introduction to LHC Open Network Environment (LHCONE) - Artur Barczyk (USLHCnet)
- 12.20 - 12.30 Discussion on LHCONE - chaired by Erik-Jan Bos (SURFnet)
- 12.30 - 14.00 Lunch

High level agenda Day 2

February 25, 2011 (2)



12.30 - 14.00 Lunch

14.00 - 14.30 Dynamic GOLE Services Task Force - Jerry Sobieski (NORDUnet)

14.30 - 15.30 Distributed Topology Exchange Task Force - Jeroen van der Ham (UvA)

15.30 - 16.00 Coffee

16.00 - 16.30 Resource Allocation Task Force - Gigi Karmous-Edwards (NCSU)

16.30 - 17.00 Showcase: Troubleshooting connectivity problems with 802.1ag by end-users - Ronald van der Pol (SARA)

17.00 - 17.30 Closing - Gigi Karmous-Edwards (NCSU)



Next GLIF Tech session

At the 11th Annual Global LambdaGrid Workshop

Rio de Janeiro, Brazil, hosted by RNP

Dates: September 13 & 14, 2011

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