

# **WELCOME TO GLIF Technical Working Group Summer 2012 meeting**



**Chicago, 11-12 October 2012**

# You Are Here

- Part of the 12<sup>th</sup> Annual Global Lambda Grid Workshop
  - Thanks to Joe Mambretti, Maxine Brown, TERENA Secretariat for organizing
  - Thanks to all of you for participating
- Meetings:
  - End of summer (lambda workshop)
  - Winters (Tech only)
- GLIF Tech is about
  - Taskforces – and the GLIF Tech meeting serves as the F2F gathering of task forces
  - Discussion of new ideas
  - Participation



# Admin

- Your co-chairs:
  - Lars Fischer (NORDUnet)
  - <position available>
- Secretarial support:
  - Kevin Meynell (TERENA)
  - Peter Szegedi (TERENA)
- Mailing list:
  - < tech at glif . is >



## Co-Chairs

- Gigi Karmous-Edwards (NCSU) was co-chair since merger of GLIF Tech and Crtl working group
  - Gigi stepped down in Rio, a year ago
- Eric Boyd, Internet2, has volunteered
  - Your lone co-chair recommends that the GLIF Tech (you) approve Eric as co-chair



# GLIF Tech taskforces

- Distributed Topology Exchange
  - Chair: Jeroen van der Ham, Inder Monga
- Dynamic GOLE Services
  - Chair: Jerry Sobieski
- Performance Verification Architectures
  - Co-chairs: Steve Wolf, Jerry Sobieski
- Defining GLIF Architecture
  - Co-chairs: Bill St. Arnaud, Inder Monga, Erik-Jan Bos
- NSI Implementation
  - Chair: Inder Monga, John MacAuley
- <http://www.glif.is/working-groups/tech/>



# GLIF Resources

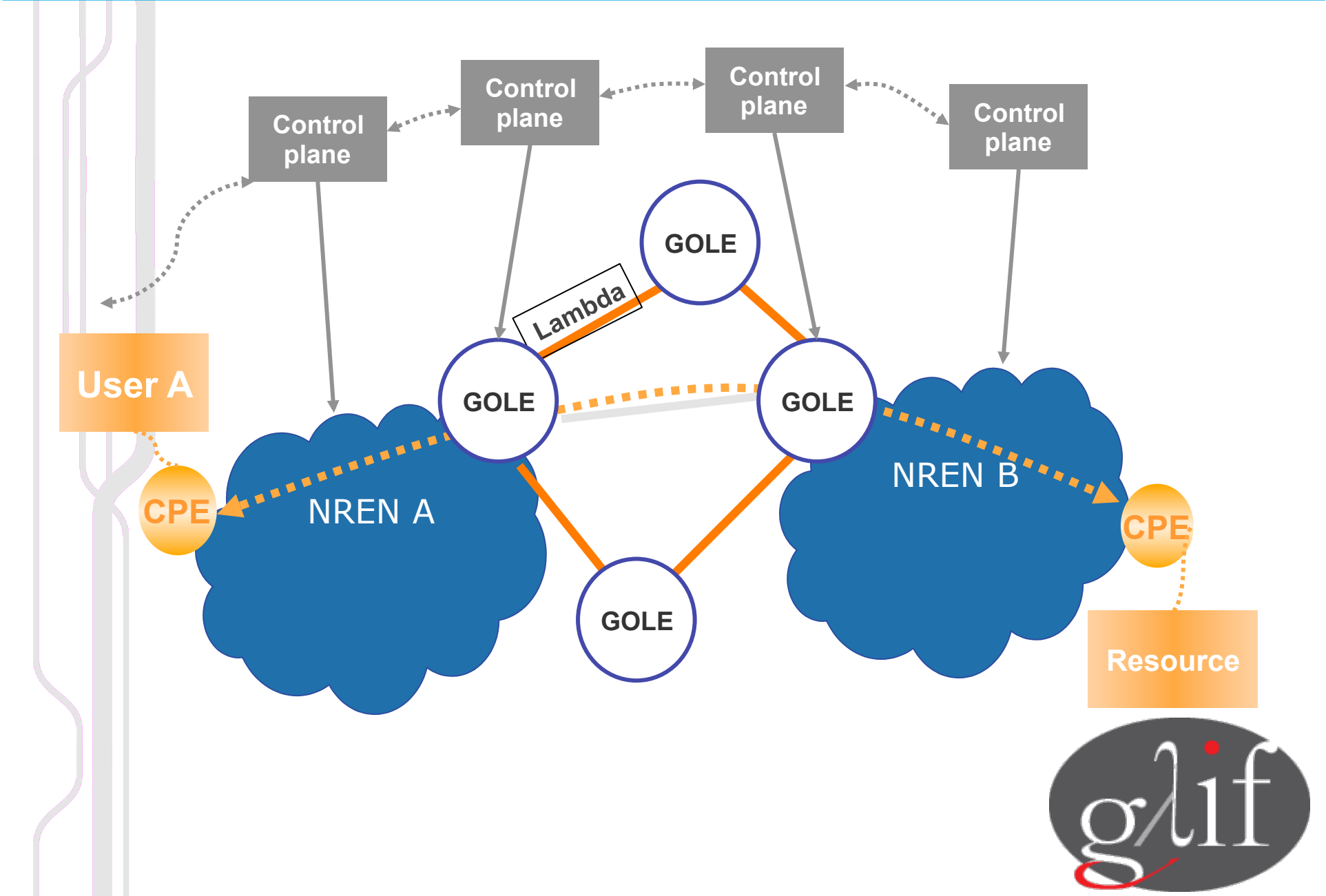
## GLIF Infrastructures

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

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



## GOLE-centric networking



# Day 1

Time	Subject
13.30 - 13.45	Welcome, admin – Lars Fischer
13.45 - 14.45	Major GOLE updates <ul style="list-style-type: none"><li>• KRLight – Buseung Cho</li><li>• StartLight – Joe J. Mambretti</li><li>• NetherLight – Gerben van Malenstein</li><li>• GÉANT Open – Richard Hughes-Jones / Guy Roberts</li></ul>
14.45 - 15.00	Defining GLIF Architecture Task Force – Draft Charter – Bill St.Arnaud, Erik-Jan Bos, Inder Monga
15.00 - 15.30	<b>Coffee Break</b>
15.30 - 17.00	<i>Joint TECH WG – RAP WG session</i> Introduction to demonstrations – Maxine Brown, chair 16 demo introductions, 5 minutes each





# Day 2

Time	Subject
08.30 - 09.00	SDN – GLIF implications and opportunities – Guy Roberts, Eric Boyd
09.00 - 09.15	GreenSONAR – Paola Grosso
09.15 - 10.00	Distributed Topology Exchange Taskforce (DTOX) – Jeroen van der Ham, Inder Monga
10.00 - 10.30	NSI Implementation Taskforce – Inder Monga, John MacAuley
10.30 - 11.00	<b>Coffee Break</b>
11.00 - 11.45	Dynamic GOLE Services Taskforce – Jerry Sobieski
11.45 - 12.00	GLIF Performance Verification Architectures Task Force - Jerry Sobieski, Steve Wolff
12.00 - 12.15	Discussion on TECH WG / RAP WG interaction – Lars Fischer, Maxine Brown, Larry Smarr
12.15 - 12.30	Closing, actions, next meeting - Lars Fischer



# Next GLIF TECH meetings

- 2013 Winter GLIF
  - Hosted by APAN / Internet2 / Esnet at TIP2013
  - 17-18 January, Honolulu
- 13<sup>th</sup> Global Lambda Grid Workshop
  - Fall 2013
  - Full GLIF meeting, incl. TECH WG sessions





# **Thank You**

**Lars Fischer**  
**[lars@nordu.net](mailto:lars@nordu.net)**  
**<http://www.glif.is>**