

Breakout Sessions

(Moderator: Jason Liu)

Breakout Sessions

- **Session 1: Future Networks** Design and Applications
 - Group leaders: **Rodrigo Fonseca** (Brown U) and **Christian Rothenberg** (UNICAMP)
 - E.g., Network protocols, routing, management, modeling, wireless networking
- **Session 2: Clouds** and Data Center Networking
 - Group leaders: **Kate Keahey** (U Chicago) and **Carlos Kamienski** (UFABC)
 - E.g., cloud computing, cloud security, cloud testbeds, cloud applications
- **Session 3: Cyberinfrastructure** Design and Development
 - Group leaders: **Russell Clark** (GaTech) and **Antônio Abelém** (UFPA)
 - E.g., network testbeds (GENI, FIBRE, CCNIE), deployment, federation, management, measurement

Grouping Suggestions

Future Network (Room 122)	Clouds (Room 124)	Cyberinfrastructure (#114)
Rodrigo Fonseca	Malathi Veeraraghavan	Deniz Gurkan
Katia Obraczka	Ram Krishnan	Chip Elliott
Luiz DaSilva	Kate Keahey	Russell Clark
Allen MacKenzie	Andy Bavier	Yan Luo
Glenn Ricart	José Fortes	Inder Monga
Dorgival Guedes	Sejun Song	Tereza Carvalho
Christos Papadopoulos	Shaolei Ren	Antônio Abelém
Xin Sun	Hermes Senger	Michael Stanton
Antonio Rocha	Rogério Lope	Flávio Silva
Christian Rothenberg	Denis Carvalho	Jose Rezende
Norival Figerira	Carlos Kamienski	Patrick Ferguson
Enrique Lozoya	Cesar Marcondes	Julio Ibarra
Alessandro Anzaloni	Heidi Morgan	Luiz Lopez
Jason Liu		

Didn't find your name? It means you're a free agent and free to move to any session.



Breakout Objectives

- Identify strategic research **topics and themes** in different areas
- Identify **research opportunities** in these areas for both countries
- Identify existing and future **collaborations and collaborators**
- Identify the needs for **large-scale international collaborations**

Question #1 for Breakouts

- What are the challenges and important research issues in this area?
 - Focus on the broad and general research questions and landscape
 - What are the *new* phenomena, *new* research areas, *new* problems, *new* concepts that will set the trend?
 - Objective: identify a list of research themes and strategic topics in the area

Question #2 for Breakouts

- What are existing major projects and programs in the area (in US and in Brazil, respectively)?
 - What are the important issues addressed by the projects/programs?
 - Are there complement projects/programs in the other country?
 - What are remaining research challenges and issues (when compared with those listed in the previous question)?
 - Objective: identify potential research opportunities in the area for both countries

Question #3 for Breakouts

- Where are the research collaborations?
 - What are exist collaborations (joint research projects) between US and Brazil?
 - What are the potential collaborations (and common interests) in addressing the challenges and opportunities discussed in the previous two questions?
 - Objective: identify existing and future collaborations and collaborators in the area

Question #4 for Breakouts

- What are issues, demands, and potentials for *large-scale* international collaborations?
 - What are the barriers and limitations (e.g., cyberinfrastructure, technical, social)?
 - What are the mechanisms and methods suggested for breaking down barriers?
 - Objective: identify the need for future large-scale international collaborations in the area

Breakouts

- These questions are only starters; free to expand, but should focus on collaboration
- We'll hear reports from breakout leaders at the 4pm session

- [Tinyurl.com/switchoncloud](https://tinyurl.com/switchoncloud)
- [Tinyurl.com/switchonfuture](https://tinyurl.com/switchonfuture)
- [Tinyurl.com/switchoncyber](https://tinyurl.com/switchoncyber)