



# **Control Framework Working Group**

**GENI Engineering Conference 5  
Seattle, WA**

**July 22, 2009  
[www.geni.net](http://www.geni.net)**



- **Introduction of some folks**
- **Status of control framework requirements spec**
- **Network stitching**
  - Problem introduction
  - Network stitching in MAX (Chris Tracy)
  - Network stitching in ProtoGENI, (Rob Ricci)
  - Network stitching in ORCA/BEN, (Yufeng Xin)
  - Planned mechanism for network stitching in Cluster B (Larry Peterson)

## Incoming WG Chairs

- Rob Ricci, University of Utah
  - ProtoGENI PoC
  - Host of GEC6
- TBD

## New GPO Systems Engineer

- Christopher Small, BBN
  - Systems researcher – Bell Labs, Sun Labs, BBN
  - Software developer – startups
  - GENI Roles
    - CFWG Systems Engineer
    - GPO Systems Engineer for 3 Spiral 1 Projects

# Control Framework Requirements Specification

- **Control Framework Requirements document drafted over past year, multiple revisions**
- **Concurrently, five control frameworks have been under development**
- **Time to take what we have learned and refresh the document, restart the process.**

- **By GEC6**
  - Rough agreement on control framework scope
  - Review definition of terms, update glossary
  - Review requirements
  - Revise requirements document
  
- **By GEC7**
  - Review functional description of interfaces
  - Revise requirements document

# Network Stitching

- **Problem introduction**
- **Network stitching in MAX (Chris Tracy)**
- **Network stitching in ProtoGENI (Rob Ricci)**
- **Network stitching in BEN (Yufeng Xin)**
- **Planned mechanism for network stitching in PlanetLab (Larry Peterson)**



- **Goal of GPO to support non-IP network experiments**
- **What does a CF need to do to support “stitching together” slice for non-IP experimentation?**
- **Food for thought**
  - three [prototype] examples and a plan
- **What can we abstract from them?**