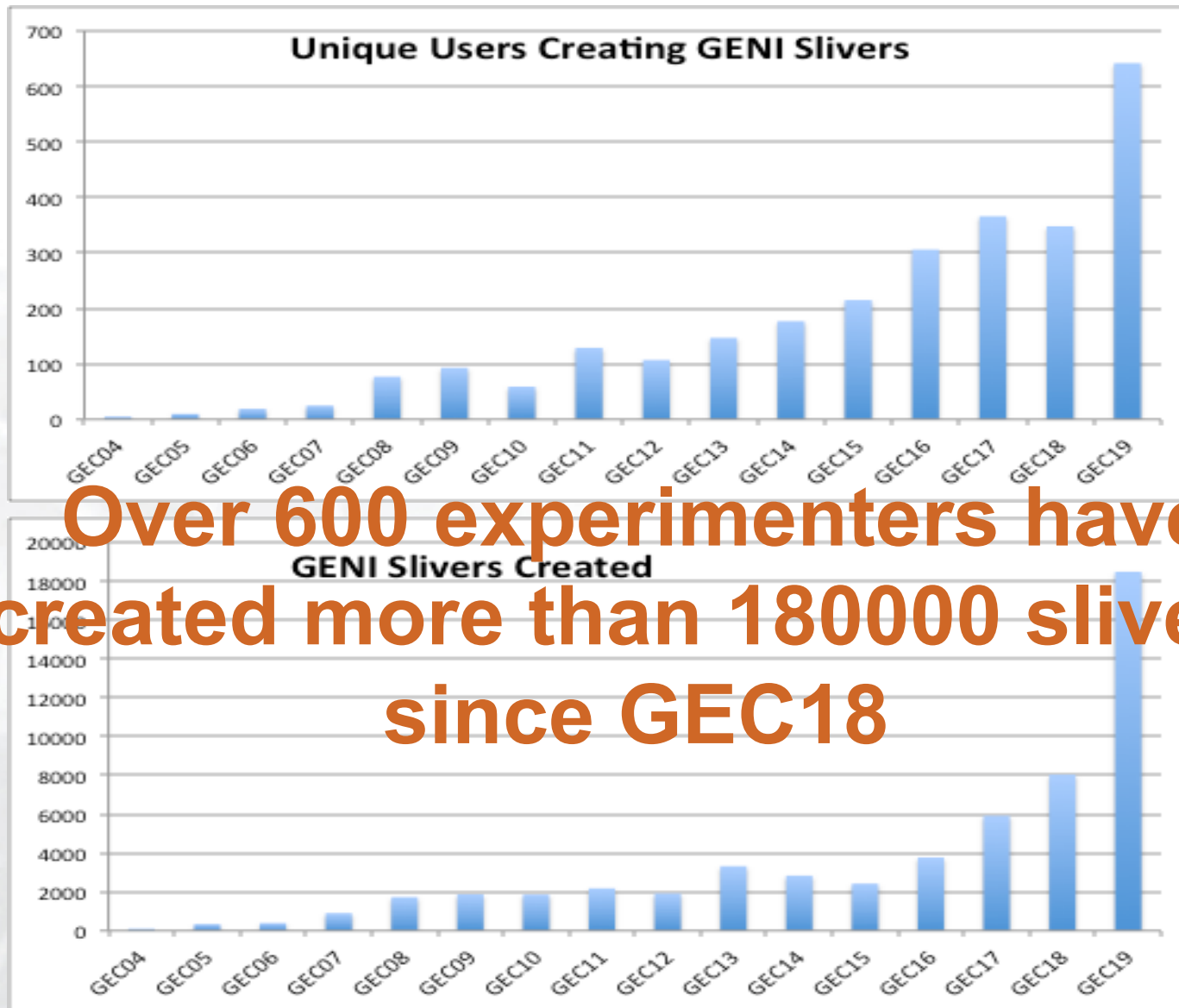




GENI Experimenter Support An Update

GENI Engineering Conference 19

Vicraj Thomas
18 March 2014
GENI Project Office



Over 600 experimenters have created more than 180000 slivers since GEC18

Growing use of GENI in the Classroom!



Jeannie Albrecht (Williams College) with students from her Spring 2012 Distributed Systems class

Fall 2013:

Suman Banerjee (U. of Wisconsin)
Prasad Calyam (U. of Missouri)
Zongming Fei (U. of KY)
John Geske (Kettering U.)
Deniz Gurkan (U. of Houston)
Christos Papadopoulos (Col. State)
Henning Schulzrinne (Columbia U.)
Violet Syrotiuk (Arizona State U.)
Zhi-Li Zhang (U. of MN)

Spring 2013:

Jay Aikat (U. of NC)
Rudra Dutta (NCSU)
Khaled Harfoush (NCSU)
Jelena Marasevic (Columbia U)
Parmesh Ramanathan (U. Wisc)
Violet Syrotiuk (Arizona State U.)
KC Wang (Clemson)
Michael Zink (U. of MA)

Fall 2012:

Rudra Dutta (NCSU)
Zongming Fei (U. of KY)
Fraida Fund (NY Poly)
Kaiqi Xiong (RIT)

Spring 2014 (15 classes):

Jeanne Albrecht (Williams College)
Suman Banerjee (U. of Wisconsin)
Baek-Young Choi (U. of Missouri-Kansas City)
Zongming Fei (U. of Kentucky)
Deniz Gurkan (U. of Houston)
Thanasis Korakis (NYU Poly)
Yaoqing Liu (Clarkson U.)
Shivendra Panwar (NYU Poly)
Robert Ricci (U. of Utah)
Carolyn Sher-Decusatis (City U. of New York)
Violet Syrotiuk (Arizona State U.)
Bing Wang (U. of Connecticut)
KC Wang (Clemson U.)
Vasillis Maglaris (NTUA Greece)
Gaia Maselli (Sapienza University of Rome – Italy)

TRAINING UP EXPERIMENTERS

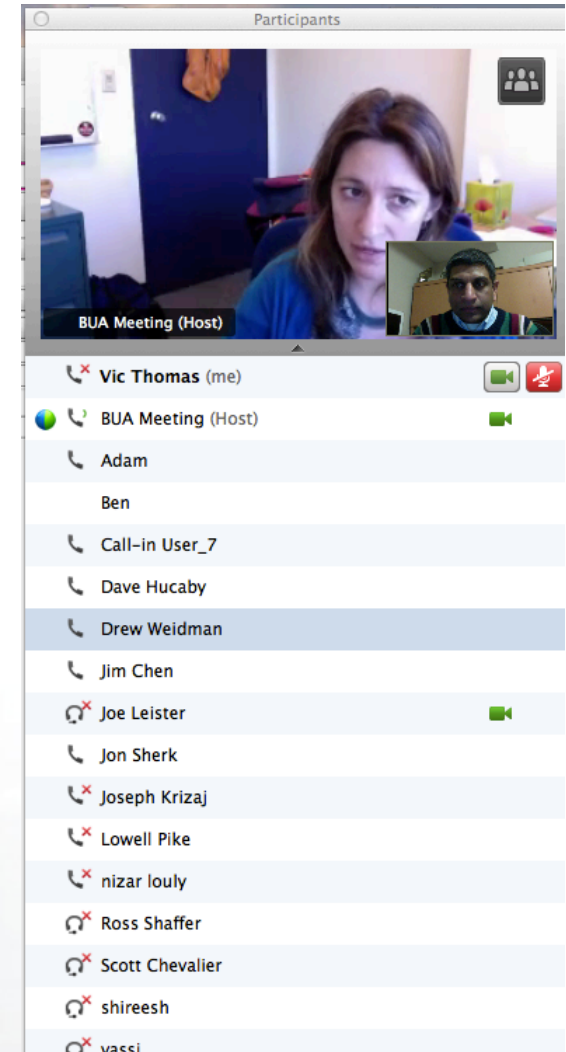
GREE Winter Camp

- Kaiqi Xiong (RIT), Bing Wang (U. Conn), Yong Guan (Iowa State)
- Wed Jan 8 – Sat Jan 11 @ BBN Cambridge
- 9 PhD, 3 masters, 3 under-grad, 1 faculty
- 3 group projects:
 - Non-IP routing protocol, WiMAX + Hadoop-based data analysis, OpenFlow-based firewall



Summer Camp: Late May / Early June 2014 @ Iowa State U.

- **WebEx-based training over 2 Friday afternoons**
 - **Session 1: Intro to GENI + 2 hands-on exercises**
 - **Session 2: Lab management + 1 hands-on exercise**
- **22 participants from 15 institutions**
 - **9 faculty**



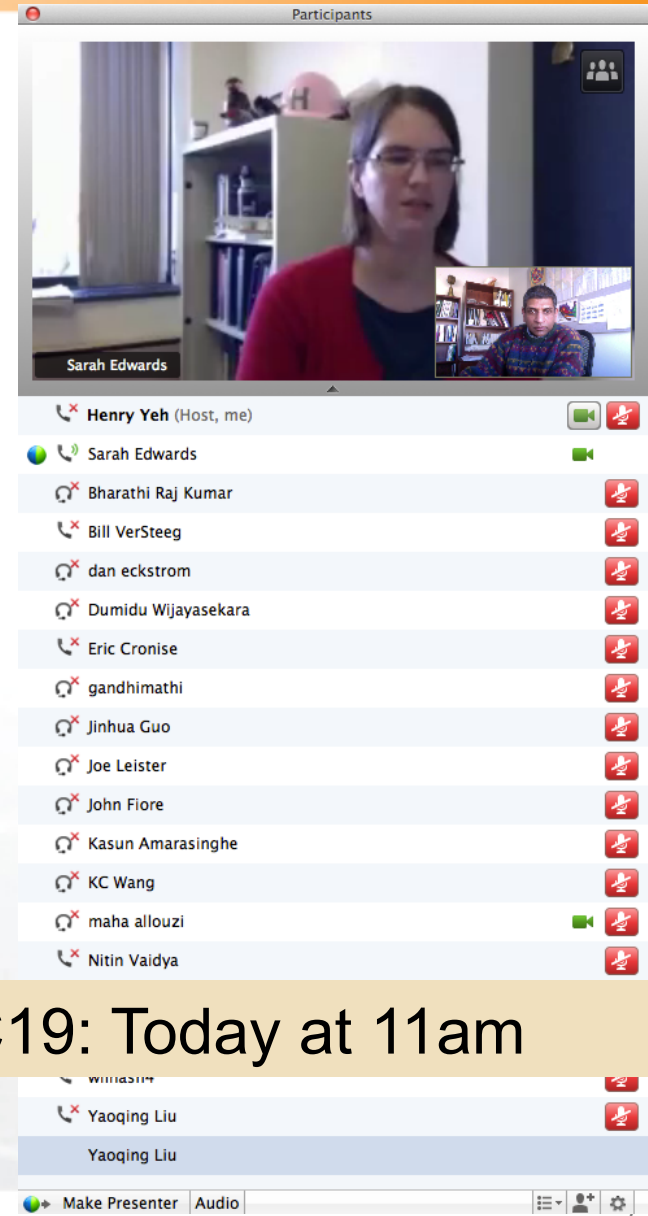
The screenshot shows a WebEx meeting window titled "Participants". The main video feed displays a woman with long brown hair, identified as "BUA Meeting (Host)". A smaller inset video shows a man with a beard, identified as "Vic Thomas (me)". Below the video feeds is a list of participants with icons for mute, video, and chat. The list includes:

- Vic Thomas (me)
- BUA Meeting (Host)
- Adam
- Ben
- Call-in User_7
- Dave Hucaby
- Drew Weidman
- Jim Chen
- Joe Leister
- Jon Sherk
- Joseph Krizaj
- Lowell Pike
- nizar louly
- Ross Shaffer
- Scott Chevalier
- shireesh
- vassi

Next Train-the-TA: Fall 2014

Train-the-Admin Spring 2014

- **35 participants!**
- **Session 1 (two instances)**
 - Similar to Train-the-TA
- **Session 2 (one instance over Google Hangout on Air)**
 - Rack, FOAM administration...



The screenshot shows a Google Hangout on Air interface. At the top, a video window displays Sarah Edwards, with a smaller inset of Henry Yeh. Below the video is a list of participants, each with a name, a microphone icon, and a mute/unmute button. The participants listed are: Henry Yeh (Host, me), Sarah Edwards, Bharathi Raj Kumar, Bill VerSteeg, dan eckstrom, Dumidu Wijayasekara, Eric Cronise, gandhimathi, Jinhua Guo, Joe Leister, John Fiore, Kasun Amarasinghe, KC Wang, maha allouzi, Nitin Vaidya, William, Yaoqing Liu, and Yaoqing Liu. At the bottom, there are controls for 'Make Presenter' and 'Audio'.

Session 2 of Train-the-Admin at GEC19: Today at 11am

SIGCSE
ATLANTA
2014

IC2E 2014: IEEE International Conference on Cloud Engineering



11th USENIX Symposium on Networked Systems Design and Implementation

nsdi'14

APRIL 2-4, 2014
SEATTLE, WA

Sponsored by USENIX in cooperation
with ACM SIGCOMM and ACM SIGOPS



Emphasis on GENI for novel networking architectures

- Hands-on tutorials on XIA and NDN on GENI
 - XIA tutorial by Peter Steenkiste
- Wireless research on GENI
 - Demo of MobilityFirst by Dipankar Raychaudhuri
- Hands-on tutorial on using GENI OF resources

COMMUNITY SUPPORT

NEW TOPIC



Mark all as read

Actions ▾

Filters ▾



GENI Users Shared publicly

31 of many topics (99+ unread) ☆ 8+1

Tags · Manage · Members · About ▾

GENI Users is a community-supported mailing list for discussion of questions of concern to GENI experimenters.











Before asking a question, search to see if a similar question has already been answered.

If you can't find an answer to your question, email geni-users@googlegroups.com. For a prompt and useful response, please include as many of the following as possible:

- type of account (GENI portal, emulab.net, pgeni.gpolab.bbn.com, PlanetLab)
- tool you are using (e.g. Flack, Omni, stitcher)
- slice name or URN
- aggregates you are using
- a detailed description of what's wrong including any error messages.

[More information for GENI Experimenters](#)

[Edit welcome message](#) [Clear welcome message](#)

<input type="checkbox"/>		Reminder: guidance for asking questions on geni-...@googlegroups.com (1) By Sarah Edwards - 1 post - 14 views 	announcement	Mar 2
<input type="checkbox"/>		will image expire? (2) Completed By sophia - 2 posts - 2 views	image instageni	3:23 PM
<input type="checkbox"/>		Fwd: FW: gcf-2.5 stitcher issue (13) By Divyashri Bhat - 13 posts - 3 views		10:43 AM
<input type="checkbox"/>		Fwd: [help] No access to a provisioned instageni node (7) Completed By me - 7 posts - 1 view	instageni	Mar 10
<input type="checkbox"/>		Problems with permissions on home directories at IG/PG nodes (2) Completed By nriga - 2 posts - 2 views	image instageni	Mar 10
<input type="checkbox"/>		having problem changing ip address of links after submit at flack (4) Completed By sophia - 4 posts - 3 views		Mar 9
<input type="checkbox"/>		GENI Desktop saying slice has no resources but that's not the case (3) Completed By Derek Christopher O'neill - 3 posts - 2 views	gemini genidesktop	Mar 9
<input type="checkbox"/>		Re: [help] Cannot SSH into machine (1) By Niky Riga - 1 post - 4 views		Mar 8
<input type="checkbox"/>		Unscheduled outage at GENI ION AM (used for stitching) (2) By nriga - 2 posts - 1 view No action needed	ion stitching	Mar 7

101 Subscribers!



The screenshot shows the homepage of the GENI website. At the top left is the GENI logo. The main header features a navigation menu with links for 'USE GENI', 'GET INVOLVED', 'GENI WIKI', and 'ABOUT GENI'. Below the navigation is a 'GENI News' section with a featured article titled 'Deploying Future Internet Applications in Mobility First Project's GENI-Based Environment'. A 'Welcome to GENI' section follows, describing the infrastructure and its funding. A 'Use GENI' button is prominently displayed. To the right, a map shows the number of OpenStreetMap contributors in various countries. At the bottom, there is a search bar and a list of links for more information on using GENI.

GENI
Exploring Networks of the Future

USE GENI | **GET INVOLVED** | **GENI WIKI** | **ABOUT GENI**

GENI News

Deploying Future Internet Applications in Mobility First Project's GENI-Based Environment

Begun in the fall of 2010, MobilityFirst is one of five Future Internet Architecture proposals funded by NSF's Future Internet Architecture project. Led by WINLAB at Rutgers University, the MobilityFirst project is a multi-university collaborative research effort that proposes mobility and trustworthiness as central design goals for the future Internet. It addresses mobility by cleanly [...]

[More News »](#)

Welcome to GENI

GENI is a new, nationwide suite of infrastructure supporting "at scale" research in networking, distributed systems, security, and novel applications. It is supported by the [National Science Foundation](#), and available without charge for research and classroom use.

Use GENI



These are some of the many resources being used in GENI experiments across the country.

Find out more about using GENI

- [Information for GENI experimenters](#)
- [Published research that used GENI resources](#)
- [Get help using GENI](#)

Google™ Custom Search

Sponsored by the  [RSS Feed](#) © 2014 Raytheon BBN Technologies All Rights Reserved — NSF Award CNS-0714770

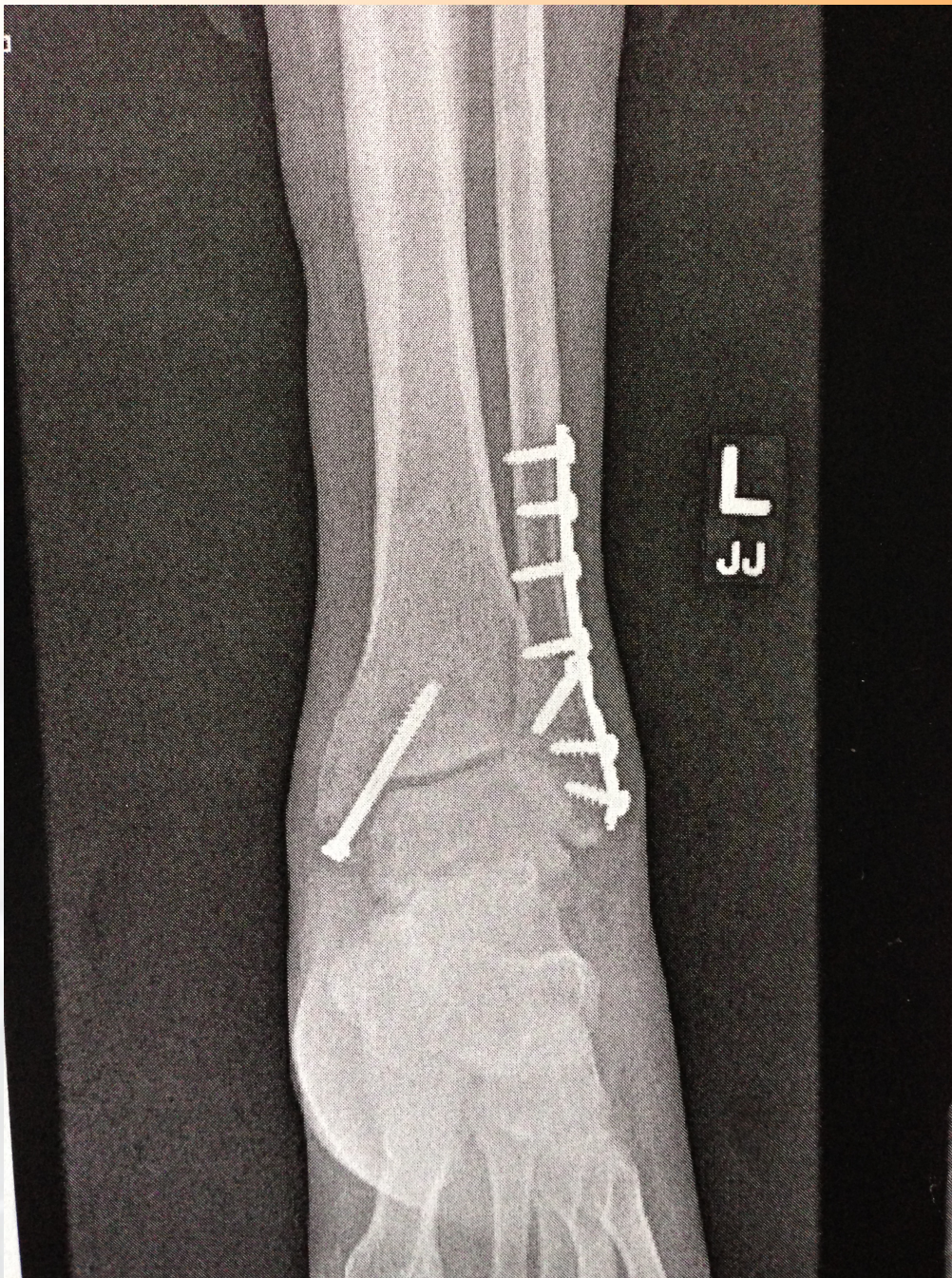
WHAT'S WITH MY ANKLE?

What's with my Ankle?



An uncontrolled descent down a jagged incline
that resulted in...

Image source: <http://mockable.org/the-pros-and-cons-of-falling-down-a-flight-of-stairs/>



THANK YOU!