

20160223 SLAC Amity Meeting

Time & date

Tues Feb 23rd 2016 ~8:00pm Pacific Standard Time, Wednesday Feb 24th 2016 09:30am India time.

This was a Skype meeting.

Coordinates of team members:

- The email list for the Amity team is: stanfordamityproject2015@gmail.com
- The chat group is <https://slac-amity.slack.com>
- [Coordinates for SLAC Amity collaboration](#)

Attendees

Actual attendees:

Prof Abhay Basal, A. Sai Sabitha, ... - Amity; Les, Bebo SLAC

PingER MA - Les

[Installation Overview](#). This is proceeding. They have a working pinger2.pl. However, we cannot gather and hence archive, analyze and present the data. The problem is that ping_data.pl does not work. One gets a blank page.

```
222cottrell@pinger:~$wget 'http://202.12.103.71/cgi-bin/ping_data.pl'
--2016-02-22 18:06:49-- http://202.12.103.71/cgi-bin/ping_data.pl
Connecting to 202.12.103.71:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 0 [text/html]
Saving to: "ping_data.pl.5"
[ <=> ] 0 --.-K/s in 0s
2016-02-22 18:06:50 (0.00 B/s) - "ping_data.pl.5" saved [0/0]
```

There is information on progress at [Setting up PingER servers at Amity](#).

Traceroute/ping servers - Les

<http://202.12.103.71/cgi-bin/traceroute.pl> gives "the web page below:



The screenshot shows a web browser window with the address bar displaying <http://202.12.103.71/cgi-bin/traceroute.pl>. Below the address bar, there is a yellow warning box with red text that reads: "Please note that traceroutes can appear similar to port scans. If you see a suspected port scan alert, for example from your firewall, with a series of ports in the range 33434 - 33465, coming from 202.12.103.71 it is probably a reverse traceroute from our web based reverse traceroute server. Please do NOT report this to us, it will almost certainly be a waste of both of our times. For more on this see [Traceroute security issues](#)." Below the yellow box, there is a white box with a black border containing red text that reads: "You are about to request a traceroute that may be interpreted as an 'attack' from 202.12.103.71, by a firewall protecting your browser: 10.0.253.1 (10.0.253.1). Have you read the description above and is it OK to proceed?" At the bottom of this white box is a small button labeled "YES".

Your host is: 10.0.253.1 (10.0.253.1).

However clicking on Yes gives:

10.0.253.1 is a private address
 See [The Naming System](#) for information on host.domain and [Addresses](#) for information on Internet addresses.

I.e. the target address is a private Internet address (RFC 1918). One gets a similar result for <http://202.12.103.71/cgi-bin/traceroute.pl?function=ping>

Android implementation of Pinger Measurement Agent - Bebo

See [here](#).

Scope Overview of PingER Linked Open Data (LOD) and Web Observatory - Bebo

See [here](#).

Other Projects

- [GeoLocation of Internet hosts using TULIP](#) - Anjum Naveed, UM and Les Cottrell
- [IoT, Computer vision](#)- Mayank, Yee
- [Big Data](#) - Jacek and Vaicunth Thrukral

Action items:

Next Meeting

Old Information

Student availability

There are two students (Jahin and Ankit Singh) will be at at the University of Florida who have F1 US visas and will finish at Florida in the 1st week in May. They are then free to come directly to SLAC. They will then continue their studies in the US in August 2016, hence they will be available at SLAC for ~ 3 months. **Low cost housing could be an issue.** Most of the other students are BTech students at Amity who will graduate in May. Once we have their names and mutual interest we can start the paper work to get started on invitations. Aditya Pan and Anwesha Mal who graduate in May with a BTech are going to the National University of Singapore. (I am unsure if this means they are going to University of Singapore after they graduate in May, or before then. Are they candidates to come to SLAC?)

PingER students

The following have written papers on PingER:

- Aditya Pan has started work on the Android port of the PingER MA
- Anwesha has started work on looking at the PinGER data and using cluster analysis on it
- Jahin and Aditya have started work on looking at the PingER data and correlation analysis

Les has copies of these three and has reviewed the Android and cluster analysis papers. It would help if he could be provided with a copy in word so he could mark up corrections before they go to publication via IEEE. These students will be working remotely with Les and Bebo at SLAC between now and May.