Conference Report

Conference attended
12th International Conference on COMmunication Systems & NETworkS, COMSNETS 2020

Location of the Conference
Bangalore, India

Start Date: 07/01/2020
Finish Date: 11/01/2020

What were the highlights and main takeaways of this conference?
The main highlight of the conference was the industrial meet where I was able to meet people from Google, Microsoft, Citrix and other top companies.

The keynotes were good and informative particularly from the Microsoft Team where they have highlighted the cyber security concerns on using the machines of non-technical people particularly elderly as botnets for various types of attacks and monitoring.
I mentioned about New Zealand cyber security strategy for 2019 which highlights the same.

The workshop I have attended concentrated on data theft and security and providing good information on blockchain technology which I consider as the futuristic approach for data security and secure transmission.

I have introduced my work on AI based malware analysis and received good attention from both organizers and audience. There were some interesting suggestions that am going to incorporate into my future research.

The very important take for me is about data security and cyber security data analytics. This includes network traffic data, malware data and other data and signatures that attackers use.

There were some discussions about protecting data particularly personal data on the cloud which is often unlabelled but still sensitive.

From the discussions, I concluded that there is a serious necessity to create an open source data repository with incoming traffic data that is coming into New Zealand( which has NZ data may be redundant / historic data) to analyze and model NZ specific security data scrutiny.

I am taking an initiative to work towards this and would like seek the support from InternetNZ.

What were the favorite sessions, any contacts you made, etc.

What were the lowlights of the conference?
There was some domestic incidents due to which everything was locked out. I faced a panic situation due to closure of road transport. I was able to reach my hotel (quite late) with the help of one of the attendees of the conference who knew me through my research.
The schedule was quite tight with parallel sessions and I missed some good ones due to overlapping.

I would say, I was not that much prepared to take New Zealand specific question on cyber security which I would keep in mind.

What would you do differently?

**How will you plan to share your learnings with the New Zealand Internet Community?**

I have already presented my work and other information gained from the conference (mentioned in highlights section). To start with, I am planning to organize a cyber security work shop for non-technical people. I have submitted an application for community project funding to develop an app that would present a non-technical and easy to understand information about the security of the device.

As I have finished my PhD, I am planning to get actively involved in cyber security awareness activities along with my research in malware analysis using AI approaches.

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**We'd love to see some visual and audio representations of your work. Please share below.**

**Upload files:**

*No files have been uploaded*

and/or

**Provide web link:**

*Must be a URL*

and/or

**Provide additional details:**

Please include captions, if relevant

**Can we use your media content in our own communications?**

○ Yes  ○ No  ○ Please contact us first

e.g. in our annual report, social media

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**Financial Report**

* indicates a required field

**Project Income & Expenditure**

Please provide details of any project income (funds received) and project expenditure (funds spent) to date.

Use the ‘Notes’ column to provide any additional information you think we should be aware of.
On-demand Conference Attendance Award  
Post conference report  
Application CAA000142019/20 From Mr Sreenivas Sremath Tirumala  
Form Submitted 19 Mar 2020, 1:50pm NZDT

<table>
<thead>
<tr>
<th>Income Description</th>
<th>Income Amount ($)</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>personal funds</td>
<td>$300.00</td>
<td>additional funds required</td>
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</table>

Can be grants, donations, personal funds etc.

<table>
<thead>
<tr>
<th>Expenditure Description</th>
<th>Expenditure Type</th>
<th>Expenditure Amount ($)</th>
<th>Notes</th>
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<tbody>
<tr>
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<td>Other expenditure (add note please)</td>
<td>$300.00</td>
<td>An unexpected travel expenditure due to bad domestic sittuation.</td>
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Income and Expenditure Totals

<table>
<thead>
<tr>
<th>Total Income Amount</th>
<th>Total Expenditure Amount</th>
<th>Income - Expenditure</th>
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<tbody>
<tr>
<td>$300.00</td>
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Have you experienced any issues with your intended project budget to date? If so, please explain reasons for any major variances or for providing incomplete information:

None.

Feedback

Feedback

You are almost at the end of our application process. Before submitting your application, please take a few moments to provide some feedback.

Please indicate how you found the acquittal process:

◉ Very easy  ○ Easy  ○ Neutral  ○ Difficult  ○ Very Difficult

How many minutes in total did it take you to complete this form?

40

Estimate in minutes (i.e. 1 hour = 60 minutes)
Please provide us with your suggestions about any improvements and/or additions to this form that you think we need to consider: