



## Welcome to the Second Preview of TTNIC Sponsored Research co-sponsored by the Trinidad and Tobago Section of the IEEE

TTLAB (<http://lab.tt>) consists of First-Class Honors graduates, Postgraduate Students and Faculty Members in Computer Science, Electrical Engineering and Mathematics. Its objective is to pursue research that is beneficial to society but also publication level quality. In this semi-annual preview we present our published research over the last six months (see list below) and briefly describe work submitted for publication and ongoing work. Presentations from all members of staff are included. Light snacks will be served after the presentations to allow for networking.

**Time:** August 30th, 2016 at 1:00pm (<http://lab.tt/events/rp2.ics>)

**Place:** DCIT Conference Room, 2nd Floor, NatSci Building, UWI (<https://goo.gl/maps/UeogJLFEy5P2>)

**Registration is required** (<https://events.vtools.ieee.org/m/40663>)



**innovate**



**develop**



**deploy**



**publish**

C. Millette and P. Hosein, "A Consumer Focused Open Data Platform", International Conference on Big Data and Smart City, Muscat, Oman, Mar 2016.

Ramneek, P. Hosein, W. Choi and W. Seok, "Congestion Detection for QoS-enabled Wireless Networks and its Potential Applications", Journal of Communications and Networks, June 2016, vol. 18, no. 3.

S. Hosein and P. Hosein, "Improving Power Generation Efficiency using Deep Neural Networks", ICML Workshop #Data4Good: Machine Learning in Social Good Applications, New York, USA, June 2016

S. Sooklal, P. Hosein and S. Teelucksingh, "A Review of Human Body Shape Detection Techniques and Their Application to the Prediction of Health Risks", 8th International Conference on e-Health, Madeira, Portugal, July, 2016

Ramneek, P. Hosein, W. Choi and W. Seok, "Quality of Service Support for High Performance Computing on Mobile Devices", International Conference on High Performance Computing and Simulation, Innsbruck, Austria, Jul 2016.

I. Rahaman and P. Hosein, "Using MapReduce for Impression Allocation in Online Social Networks", 12th International Workshop on Mining and Learning with Graphs, San Francisco, USA, Aug. 2016

S. Hosein, P. Hosein, W. Kattick, V. Rattan, "Application for Power Grid Fault Management", International Conference on Intelligent and Advanced Systems, Kuala Lumpur, Malaysia, Aug, 2016

I. Rahaman and P. Hosein, "Heuristics for Advertising Revenue Optimization in Online Social Networks", IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining, San Francisco, USA, Aug. 2016.

K. Bahadoor and P. Hosein, "Application for the Detection of Dangerous Driving and an Associated Gamification Framework", International Conference on Mobile Web and Intelligent Information Systems, Vienna, Austria, Aug 2016.