

Symposium on Signal and Data Analytics in HealthCare and Energy

Jointly hosted by
Signal Analysis Research (SAR) Group, Faculty of Engineering and Architectural Science,
Ryerson University, Canada
and
SIGnal iMAge PHYsique Group, INP Grenoble, France

Venue

Room ENG-358, Faculty of Engineering and Architectural Science, George Vari Engineering and Computing Centre,
Ryerson University, 245 Church Street, Toronto, M5B 1Z2, Ontario

Date

August 24-25, 2016

Agenda

Day 1: Wednesday August 24, 2016

Time	Activity	Presenter
9:30 a.m.	Welcome Remarks	Mr. Marc Trouyet, Consul General of France in Toronto, Government of France
9:45 a.m.	Welcome Remarks	Mr. Todd Carmichael, Interim Director and International Liaison Officer, Ryerson International, Office of the Vice- President, Research and Innovation, Ryerson University (RU)
10:00 a.m.	Opening Remarks	Prof. Sri Krishnan (RU) and Prof. Cornel Ioana (INPG)
10:15 a.m.	Refreshment Break and Networking	
10:30 a.m.	Opportunities for Signal/Data Analysis in Healthcare	Prof. Sri Krishnan
11:00 a.m.	Opportunities for Signal/Data Analysis in Energy	Prof. Cornel Ioana

11:30 a.m.	Data Analysis Overview	Alice Rueda (RU)
12:15 p.m.	Lunch	
1:30 p.m.	Analytics Work in Centre for Urban Energy	Mr. Bob Singh (RU)
2:00 p.m.	Analytics Work in Ryerson Institute for Infrastructure Innovation	Prof. Jenn McArthur (RU)
2:30 p.m.	Energy Analytics Work in INPG	Dr. Ion Candel (INPG)
3:00 p.m.	Refreshment Break and Networking	
3:30 p.m.	Compressive Sensing as a Pre-processing Tool for Big Data	Dr. Jeevan Pant (RU)
4:00 p.m.	Tensor Analysis of Big Data	Mr. Saeed Pouryazadian (RU)

Day 2: Thursday August 25, 2016

Time	Activity	Presenter
9:30 a.m.	Analytics work in Institute for Biomedical Engineering, Science and Technology	Prof. Sri Krishnan (RU)
10:00 a.m.	Non-Destructive Testing via Analytics	Prof. Cornel Ioana (INPG)
10:30 a.m.	Refreshment Break and Networking	
10:45 a.m.	Wearables, IoT and Signal Analysis Research at Ryerson University	Mr. Yashodhan Athavale, Dr. Muhammad Hasan, Ms. Sharadha Kolappan, Mr. Michael Zara (RU)
11:45 a.m.	Closing Remarks	Prof. Cornel Ioana and Prof. Sri Krishnan