2019 Summer International Symposium on Big-Data, Cybersecurity and IoT

Symposium Program August 8 (Thurs)

09:00 - 09:20	Opening Address Masanori Kasahara Acting President/GI-CoRE Acting Director, Hokkaido Univeristy Yoshikazu Miyanaga Director, Global Station for Big Data and Cuberscourity (GSB)
00.20 10.20	Director, Global Station for Big Data and Cybersecurity (GSB)
	Keynote Speech 1 "AI Will Change Everything, But Not So Fast" Shlomo Zilberstein, University of Massachusetts, Amherst / GI-CoRE GSB
10:20 - 10:30	Coffee Break
	Keynote Speech 2 "Enabling Technologies for Industry 4.0: Focus on Internet of Things and Cybersecurity" Eryk Dutkiewicz, University of Technology Sydney / GI-CoRE GSB
11:30 - 11:40	Announcement for Participants
11:40 - 13:00	Lunch
	[Session 1]
13:00 - 13:25	"Membership Inference Attacks Against Machine Learning Models" Amir Houmansadr, University of Massachusetts, Amherst / GI-CoRE GSB
13:25 - 13:50	"Extraction of Knowledge and Information from Documents" Masaharu Yoshioka, Hokkaido University, GI-CoRE GSB
13:50 - 14:15	"Visualizing 4-dimensional manifolds via curves on a surface" Noriyuki Hamada, University of Massachusetts, Amherst / GI-CoRE GSB
14:15 - 14:40	"Crowdsourcing for Big Data Analytics" Satoshi Oyama, Hokkaido University, GI-CoRE GSB
14:40 - 15:05	"Academics in the Big Data Era: Balancing Research, Industry and Education" Richard XU, University of Technology Sydney
15:05 - 15:30	"Deep Learning and Big Data for Cognitive Modeling" Hiroyuki Iizuka, Hokkaido University, GI-CoRE GSB

15:30 – 15:55 Coffee Break

[Session 2]

15:55 - 16:20	"OTFS: A New Modulation Technique for High Mobility Wireless Communications" Xiaojing Huang, University of Technology Sydney / GI-CoRE GSB
16:20 - 16:45	"Large-scale signal detection based on belief propagation with node selection" Takeo Ohgane, Hokkaido University, GI-CoRE GSB
16:45 - 17:10	"Exploring Internet of Things (IOT) Security vulnerability and developing novel mitigation technique" Priyadarsi Nanda, University of Technology Sydney / GI-CoRE GSB
17:10 - 17:35	"Ecocentric Model-Technology Nexus for EcoHealth" Matteo Convertino, Hokkaido University, GI-CoRE GSB
17:35 - 17:45	Announcement for Participants
18:30 - 20:30	Reception Hotel Mystays Sapporo Aspen, 2F, "Aspen B" (N8, W5, Kita-ku, Sapporo)

August 9 (Fri) GSB RAs' Sessions

- 09:00 10:20 Student Session 1
- 10:20 10:40 Coffee Break
- 10:40 12:00 Student Session 2
- 12:00 13:30 Lunch
- 13:30 15:10 Student Session 3
- 15:10-15:30 Coffee Break
- 15:30 16:50 Student Session 4
- 16:50 17:00 Closing Remark