We would like to invite you to attend a workshop:
"The Big Data Innovation Workshop"
By Professor Richard Millham, The University of the Bahamas, Bahamas
Associate Professor Simon Fong, and Ms. Gloria Li, The University of Macau, Macau

Date: Wednesday 8th August, 2018
Time: 08:30 a.m. - 16:00 p.m.
Venue: Training 4/1, 4th Floor, SIT Building, KMUTT

There is a schedule as following:
09:00 a.m. - 12:00 p.m.   Interactive discussion
13:00 p.m. - 16:00 p.m.   Hands-on tutorial for Workshop

If you are interested in this workshop,
please reserve a seat by 6th August, 2018
at https://goo.gl/forms/JU1OuR7AMe5Fm40F3 or QR Code:

Abstract:

Vast amounts of data ranging from business data to operational data are readily available nowadays. By the advances of data collection technologies, data volume continues to grow, decision makers can gain deeper insight and farther foresight into their customers, employees, business processes, even the complexities of the markets and economy. However, the full potentials of big data have not been unleashed yet by most companies and users. Companies that have a good grasp of big data analytics will have an edge in harvesting business intelligence advantages which are essential in making the right decisions, boosting revenue and long-term growth. In this big data era, corporate executives opt for data-driven insights for strategic decisions support and invest into big data innovative applications.

In this workshop, we would introduce, analyse and discuss the latest big data innovations, on products, services and applications. This workshop allows the participants to expose to the first-hand information about big data innovations, that come from the speakers' industrial experiences from the government and agency's big data projects. It is an inspiring experience by which the class would be interactive and questions from the audience would be answered and discussed. As a hands-on workshop, the second part of the agenda is a mini-tutorial and demonstration of hands-on activities on big data analytics. Participants will get to try out some of the underlying components of big data mining and big data analytics that are meant to support the innovative applications. Cases of big data mining would be elaborated along with the illustration of hands-on big data techniques demonstration. Participants will gain not only the knowledge of the big data innovative applications, but experience in trying out selected big data mining techniques in the workshop.

Speakers' Biography

Professor **Richard Millham** is a faculty member of computer science at the University of the Bahamas. After working in industry in diverse fields for 15 years, he joined academe and he has taught in Scotland, Ghana, and the Bahamas. His research interests include software and data evolution, cloud computing, requirements engineering, and security. He holds a BA (Hons) from the University of Saskatchewan in Canada, MSc from the University of Abertay in Dundee, Scotland, and a PhD from De Montfort University in Leicester, England. His research expertises and interests include Big Data Analytics, ICT for governments, Senosr Network Applications and Metaheuristic Optimization Algorithms.

Associate Professor **Simon Fong** graduated from La Trobe University, Australia, with a 1st Class Honours BEng. Computer Systems degree and a PhD. Computer Science degree in 1993 and 1998 respectively. Simon is now working as an Associate Professor at the Computer and Information Science Department of the University of Macau. He is a co-founder of the Data Analytics and Collaborative Computing Research Group in the Faculty of Science and Technology. Simon took up various managerial and technical posts, such as systems engineer, IT consultant and e-commerce director in Australia and Asia. He has published over 432 international conference and peer-reviewed journal papers, mostly in the areas of data mining, data stream mining, big data analytics, meta-heuristics optimization algorithms, and their applications. Simon serves as Vice-chair of IEEE Computational Intelligence Society (CIS) Task Force on "Business Intelligence & Knowledge Management", and Vice-director of International Consortium for Optimization and Modelling in Science and Industry (iCOMSI).

Ms. Gloria Li is currently a full-time researcher of DACC lab, and a MSc student major in E-Commerce Technology at the Department of Computer and Information Science, University of Macau, Macau SAR of China. She participated in the university the following activities: Advanced Individual in the School, Second Prize in the Smart City APP Design Competition of Macau, and Top 10 in the China Banking Cup Million Venture Contest. Campus Ambassador of Love. Gloria has internship experiences as aa Meituan Technology Company Product Manager from June to August 2017. She worked at Training Base of Huawei Technologies Co., Ltd. from September to October 2016. From February to June 2016, Gloria worked at Beijing Yangguang Shengda Network Communications as data analyst. Lately Gloria involved in projects such as 'A Minutes' Unmanned Supermarket by the University of Macau Incubation Venture Project since September 2017. Currently Gloria is a member of the Centre of Big Data and Cloud Computing, Zhuhai Institute of Advanced Technology, Chinese Academy of Science, Zhuhai, China.