

Programme of Research Forum 2018
Leveraging Big Data and Artificial Intelligence in Weather Observations and Forecasting
(18 October 2018)

Time	Programme
14:00 – 14:05	Opening address by Miss Sharon LAU, Acting Director of Hong Kong Observatory
14:05 – 14:25	Urban Weather Monitoring for Smart Cities (Mr Stephen LAU, Hong Kong Observatory)
14:25 – 14:55	Application of Deep Learning in Urban Hydrology (Prof. May CHUI, The University of Hong Kong)
14:55 – 15:25	From Big Data to Improvement of Daily to Seasonal Weather Forecasting (Prof. Ji CHEN, The University of Hong Kong)
15:25 – 15:30	Group photo with speakers
15:30 – 15:45	Break with tea service
15:45 – 16:15	Machine Learning for Spatiotemporal Sequence Forecasting and Its Application to Nowcasting (Prof. Dit Yan YEUNG, The Hong Kong University of Science and Technology)
16:15 – 16:35	Deep Learning Nowcast (Mr Wang Chun WOO, Hong Kong Observatory)
16:35 – 17:05	Transfer Learning: From Landslide Identifications and Predictions to Weather Observations and Forecasting using Big Data and Artificial Intelligence (Prof. Yu Hsing WANG, The Hong Kong University of Science and Technology)
17:05 – 17:30	Discussion led by Mr Lap Shun LEE, Acting Assistant Director of Hong Kong Observatory, with concluding remarks