



## **CITATION FOR PROFESSOR OOI BENG CHIN UNIVERSITY RESEARCH RECOGNITION AWARD**

Professor Ooi Beng Chin's research focuses on the fundamental data and systems abstractions of modern data-driven applications. His work laid the foundation for the design and implementation of systems that are not only efficient, robust, but also scalable and secure.

Beng Chin's other extensive research, which ranges from end-to-end pipeline supporting all data processing steps to complex data analytics, yielded a large-scale cloud software system that significantly improves on prior research-focused systems. The rigorous algorithmic and theoretical results were published in top journals and international conferences, and accorded numerous ACM and IEEE awards, such as the ACM SIGMOD 2020 E.F. Codd Innovations Award and the ACM SIGMOD 2020 Research Highlight Award. In addition, Beng Chin and his colleagues graduated the first Apache Top Level project on distributed machine learning platform, called Apache SINGA, the only Apache top level project from Singapore thus far. He has also successfully translated his systems for commercial deployment by collaborating closely with the industry, hospitals and start-ups.

This evening, we are pleased to honour Professor Ooi Beng Chin for his research achievements and present him with the University Research Recognition Award.