

## SEMINAR ANNOUNCEMENT

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING  
COLLEGE OF DESIGN AND ENGINEERING

Website: <https://cde.nus.edu.sg/ece>

**Area: Communications and Networks (CN)**

**Host: Prof Zhang Rui**

**Co-Sponsor: IEEE Communications Society Singapore Chapter**

TOPIC	:	From Data to the Intelligent Economy: Frontiers in Multi-Source and Streaming Data Trading
SPEAKER	:	Prof Jianwei Huang Presidential Chair Professor and Associate Vice President at the Chinese University of Hong Kong, Shenzhen.
DATE	:	Friday, 23 January 2026
TIME	:	10:30AM-11:30AM
VENUE	:	E7-03-09 (Seminar Room 4)

### ABSTRACT

Against the backdrop of rapid development in artificial intelligence and the digital economy, data is gradually becoming a core production factor alongside capital and labor. How to achieve effective collaboration in multi-source data environments and how to realize real-time transactions in streaming scenarios constitute key challenges in data market research. This talk will systematically introduce the latest advances in multi-source data cooperation and streaming data trading, with a focus on exploring data pricing and revenue allocation mechanisms, optimization and computational sharing methods for continuous queries, and online scheduling algorithms under uncertain environments. The related research provides new theoretical frameworks for understanding the operational principles of data markets.

### BIOGRAPHY

Jianwei Huang is a Presidential Chair Professor and Associate Vice President at the Chinese University of Hong Kong, Shenzhen. He has served as the Editor-in-Chief of IEEE Transactions on Network Science and Engineering and is the Chair of the IEEE Koji Kobayashi Award Committee. He has been an IEEE Fellow, an IEEE ComSoc Distinguished Lecturer, and a Clarivate Web of Science Highly Cited Researcher. His research focuses on network economics, network optimization, and crowd intelligence.

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