

THE 13TH POMS-HK INTERNATIONAL CONFERENCE



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**Topic: The Role of Inventory in Accountable, Adaptive,
and Agile Supply Chains**

ABSTRACT

The COVID pandemic, global economic uncertainty, and climate change intensify the need for building responsible and resilient supply chains. This talk attempts to shed light on how effective inventory planning contributes to making supply chains accountable, adaptive, and agile. After a general discussion, I will illustrate a few recent modeling works studying adaptive inventory decisions enabled by advanced technologies and discretionary product/process flexibility.

BIOGRAPHY

Jing-Sheng Jeannette Song is the R. David Thomas Professor of Business Administration and a Professor of Operations Management at the Fuqua School of Business of Duke University. Her expertise is in supply chain management and operations strategy, especially in inventory optimization. Her current research projects include data-driven operational decision making, supply chain digitization and flexibility, global supply chain risk mitigation, and responsible operations. She is an INFORMS Fellow and a Fellow and former President of the Manufacturing and Service Operations Management (MSOM) Society. She is also a Department Editor for Management Science and Service Science, a former Area Editor for Operations Research. She is a recipient of the Distinguished Overseas Young Scholar Award (海外杰出青年) by the Natural Science Foundation of China and was named a Chang Jiang Chaired Professor by the Ministry of Education in China (教育部长江学者讲座教授).