**IT-Enabled Supply Chain Management**

**Xinlin Tang  
Assistant Professor of MIS  
Department of Management  
College of Business  
Florida State University**

**Mark O. Lewis  
Assistant Professor  
Department of Management  
Appalachian State University**

**Track description**

Over the last decade firms have been looking to their supply chains as a way of improving their profitability and competitive position in the marketplace. Information technology (IT) has created unprecedented opportunities for firms to orchestrate a more profitable supply chain strategy by improving productivity, mitigating risk, and fostering innovation. By adopting enterprise systems, such as e-procurement initiatives and enterprise resource planning (ERP), firms are able to execute their business processes more efficiently, more rapidly align with changes in global demand, and access a greater global supply base.

Notwithstanding the increased strategic position of IT-enabled supply chain management in today’s business world, there has been limited theoretical understanding and limited empirical grounding regarding the synergy between IT and supply chain management. The proposed IT-enabled SCM track will encourage the wider adoption of Information Systems research in the increasingly popular and important domain of SCM. Examples of specific topics include but are not limited to:

* IT and supply chain transformation
* IT and supply chain sustaintability
* IT and risk management in supply chains
* IT in global supply chains
* Impact of the joint effects of IT and supply chain management practice on business strategy and performance
* IT-enabled supply chain management and healthcare
* IT-enabled supply chain management for response to global disasters
* IT-enabled supply chain management as a strategic weapon and boardroom initiative
* Managing IT-enabled supply chain management relationships
* IT-enabled supply chain management pedagogy

The proposed track will explicitly encourage both empirical and theoretical/conceptual papers and ask authors to consider both quantitative and qualitative methodologies as well as explore the use of case studies, action research, surveys, experiments and design science to investigate IT-enabled supply chain management in a variety of settings. We particularly encourage interdisciplinary research that integrates multiple theoretical perspectives and/or employs a multi-level lens for theorizing and empirical investigation.

Potential AEs:

Ryan Baxter (Bentley University)

Rob Hornyak (Georgia State University)

Zhen Zhu (China University of Geosciences, China)