

# ILS

Information Systems,  
Logistics and  
Supply Chain



## THEMATIC SESSION: TS08

**Title:** Logistics Process Innovation and Optimization using Smart Technology

**Conference associated Topic:** Innovative and Smart Technologies in Logistics

**Organizers:** Hyerim BAE (Pusan National University, Korea), Byung Do CHUNG (Yonsei University, Korea), Byung-Soo KIM (Incheon National University, Korea), Jaehun PARK (Daegu Haany University, Korea)

**Contact:** [hrbae@pusan.ac.kr](mailto:hrbae@pusan.ac.kr)

**Abstract:** As the fourth industrial revolution (Industry 4.0) accelerates, the importance of the logistics industry is growing, and efforts are being made to apply smart technology to the logistics process. In particular, Big Data is widely considered the base technique for innovating the logistics process and serves as an input element for other technologies, thus becoming an essential element in implementing the new concept of Logistics 4.0.

This session aims to share international research results on methodologies for innovating and optimizing logistics processes using new technologies such as Big Data, IoT, and Cloud Computing in the logistics area. To do this, we combine traditional optimization methods with smart technology, and expect that it enables active sharing of research ideas on methodologies, concrete example cases, systems or services, which are new to innovate the logistics process.

**Keywords:** *Big data, Process Innovation, Optimization, Logistics Process Analytics*

