

Special Session: Virtualization and IoT-based automation of Supply Chain Management (VIoT-SCM)

As defined by Moore, the Fourth Industrial Revolution (or Industry 4.0) is the ongoing automation of traditional manufacturing and industrial practices, using modern smart technology. Large-scale machine-to-machine communication (M2M) and the internet of things (IoT) are integrated for increased automation, improved communication and self-monitoring, and production of smart machines that can analyze and diagnose issues without the need for human intervention. Furthermore, there are many researchers investigating IoT (Internet of Things) and its applications. Also, there is much research on Supply Chain Management (SCM). However, there are many applications of IoT in enterprises to meet the industry 4.0 requirements in the area of SCM, that are underrepresented. This special session is focused on digital technologies and initiatives to deploy industry 4.0 and the role of IoT in the overall Supply Chain and its Virtualization. We are looking for practical examples, first-hand experiences and research on the development and implementation of such technologies.

Special Session Topics of Interest

Proposed topics are the following (but not limited to):

- Blockchain Technology in Supply Chain
- AR/VR applications for warehouses
- Remote monitoring/control applications in supply chain
- IoT in supply chain management

Special Session Chairs

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Important Dates

02 Nov 2020 Submission deadline
01 Dec 2020 Notification of Acceptance
15 Dec 2020 Camera-ready due
21 Dec 2020 Author registration
26 Feb 2021 Conference Opening

<http://www.rev-conference.org/current/deadlines.php>