

**Invited Session on “Design of Spare Parts Distribution Networks”
for IFAC MIM 2019**

Invited session identification code _____
IFAC MIM 2019, August 28-30, 2019, Berlin, Germany

<https://ifac.papercept.net/>

Session Chairs:

- *Assoc. Prof. Dr. Güvenç Şahin, Sabancı University, Turkey*
- *Assist. Prof. Dr. F. Tevhide Altekin, Sabancı University, Turkey*

Session purpose:

Spare parts distribution networks facilitate the delivery of spare parts for the firm’s customers maintenance and repair requests. Such after-sales networks include all logistics operations and necessary resources to transport thousands or tens of thousands of parts procured from various suppliers to hundreds or sometimes thousands of repair service points through its depots and distribution systems. Recently, rather than holding inventories of all these spare parts in the regional warehouses, the impact of using distributed manufacturing via additive manufacturing technologies is also explored.

This invited session aims to bring together experts to share developments on the design of spare parts distribution networks. Theoretical contributions formulating and solving spare parts distribution network design problem are highly welcome.

Session topics:

The session is devoted to a broad spectrum of problems associated with the design of spare parts distribution networks. This invited session welcomes original theoretical contributions and real-life applications to spare parts distribution network design problem. We also encourage original contributions incorporating the use additive manufacturing technologies during the design of distribution networks for spare parts.

Submission

For author guidelines, please refer to www.ifac-control.org. All papers must be submitted electronically using Symposium Manuscript Management System (CMMS). All papers must be prepared in a two-column format in accordance with the IFAC manuscript style. Please use the official IFAC instructions and template to prepare your contribution as full-length draft paper and submit it online by December 15, 2018. Submission details are available on the symposium website. All submissions must be written in English. All papers that conform to submission guidelines will be peer-reviewed by IPC members. The corresponding author submits the paper online (pdf format) as **an invited session paper**. Submission as an invited paper requires the **invited session code** _____. Several international journals are associated with the MIM 2019 for publication of special issues.

Important dates:

December 15, 2018	Deadline for the submission
February 20, 2019	Notification of acceptance/rejection
March 15, 2019	Deadline for the final submission