Preface

Continuing in the footsteps of the four previous International Conferences on Dynamics in Logistics, LDIC 2016 was the fifth event in this series to be held in Bremen (Germany) from February 22 to February 25, 2016, this year in conjunction with the 7th IFAC Conference on Management and Control of Production and Logistics—IFAC MCPL 2016. The LDIC 2016 was accompanied by an Internet of Things (IoT) Workshop as well as by the 1st LogDynamics Summer School (LOGISS) 2016 as satellite events. Similar to its predecessors LDIC 2007, LDIC 2009, LDIC 2012, and LDIC 2014, the Bremen Research Cluster for Dynamics in Logistics (LogDynamics) of the University of Bremen organized the conference in cooperation with the Bremer Institut für Produktion und Logistik (BIBA), which is a scientific research institute affiliated to the University of Bremen.

The conference was concerned with dynamic aspects of logistic processes and networks. The spectrum of topics reaches from modeling, planning and control of processes over supply chain management and maritime logistics to innovative technologies and robotic applications for cyber-physical production and logistic systems. The growing dynamic confronts the area of logistics with completely new challenges: it must become possible to describe, identify and analyze the process changes. Moreover, logistic processes and networks must be redevised to be rapidly and flexibly adaptable to continuously changing conditions. LDIC 2016 addressed scientists in logistics, operations research, production and industrial engineering, and computer science and aimed at bringing together researchers and practitioners interested in dynamics in logistics.

The LDIC 2016 proceedings consist of 43 papers selected by a strong reviewing process. The volume is organized into the main areas

- Distributed and Collaborative Planning and Control,
- Predictive Analytics and Internet of Things and Services,
- Technology Application in Logistics,
- Transport, Maritime and Humanitarian Logistics,
- New Business Models, and
- Frameworks, Methodologies and Tools.
There are many people whom we have to thank for their help in one or the other
way. For pleasant and fruitful collaboration we are grateful to the members of the
program and organization committees

Michael Bourlakis, Cranfield (UK)
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Gyan Bahadur Thapa, Kathmandu (Nepal)
Dieter Uckelmann, Stuttgart (Germany)
Karl Worthmann, Ilmenau (Germany)

Carrying the burden of countless reviewing hours, we would like to thank our
secondary reviewers Till Becker, Michael Beetz, Julia Bendul, Matthias Busse,
Tobias Buer, Carmelita Görg, Hans-Dietrich Haasis, Otthein Herzog, Aleksandra
Himstedt, Michael Hülsmann, Frank Kirchner, Herbert Kopfer, Hans-Jörg
Kreowski, Walter Lang, Michael Lawo, Indah Lengkong, Marco Lewandowski,
Rainer Malaka, Jens Pöppelbuß, Ingrid Rügge, Klaus-Dieter Thoben, Katja Windt
for their help in the selection process. We are also grateful to Indah Lengkong,
Marco Lewandowski, Ingrid Rügge, Tobias Sprodowski, Marit
Hoff-Hoffmeyer-Zlotnik, Aleksandra Himstedt, and countless other colleagues and
students for their support in the local organization and the technical assistance
during the conference. Special thanks go to Tobias Buer and Till Becker for
organizing the 1st LogDynamics Summer School as well as to Marco Lewandowski
for organizing the Internet of Things (IoT) Workshop. Moreover, we would like to
acknowledge the financial support by the BIBA, the Research Cluster for Dynamics
in Logistics (LogDynamics), and the University of Bremen. Finally, we appreciate
the excellent cooperation with the Springer-Verlag, which continuously supported
us regarding the proceedings of all LDIC conferences.

Bremen, Germany
April 2016

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Dynamics in Logistics
Proceedings of the 5th International Conference LDIC,
2016 Bremen, Germany
Freitag, M.; Kotzab, H.; Pannek, J. (Eds.)
2017, XI, 502 p. 125 illus., 70 illus. in color., Hardcover
ISBN: 978-3-319-45116-9