

# Dynamics in Logistics

Second International Conference, LDIC 2009, Bremen, Germany, August 2009, Proceedings

Bearbeitet von  
Hans-Jörg Kreowski, Bernd Scholz-Reiter, Klaus-Dieter Thoben

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# Preface of the Editors

LDIC 2009 was the second International Conference on Dynamics in Logistics held in Bremen in August 2009. As the first conference in 2007, it was organized by the Research Cluster for Dynamics in Logistics (*LogDynamics*) at the BIBA (Bremer Institut für Produktion und Logistik GmbH), which is a scientific engineering research institute affiliated to the University of Bremen.

The scope of the conference was concerned with the identification, analysis, and description of the dynamics of logistic processes and networks. The spectrum reached from the planning and modelling of processes over innovative methods like autonomous control and knowledge management to the new technologies provided by radio frequency identification, mobile communication, and networking. The growing dynamic confronts the area of logistics with completely new challenges: It must become possible to rapidly and flexibly adapt logistic processes and networks to continuously changing conditions. LDIC 2009 provided a forum for the discussion of advances in that matter. The conference addressed scientists in logistics, operations research, and computer science and aimed at bringing together both researchers and practitioners interested in dynamics in logistics.

The proceedings of LDIC 2009 consist of 48 contributions. The first paper was invited, the others selected by a strong reviewing process. The volume is organized into the following six subject areas: *Mathematical Modelling in Transport and Production Logistics* with ten papers, *Routing, Collaboration, and Control* with nine papers, *Information, Communication, Autonomy, Adaption and Cognition* with seven papers, *Radio Frequency Identification* with eight papers, *Production Logistics* with six papers, and *Ports, Container Terminals, Regional Logistics and Services* with eight papers.

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Hans-Jörg Kreowski  
Bernd Scholz-Reiter  
Klaus-Dieter Thoben