



6th INTERNATIONAL CONFERENCE

TRANSPORT & LOGISTICS

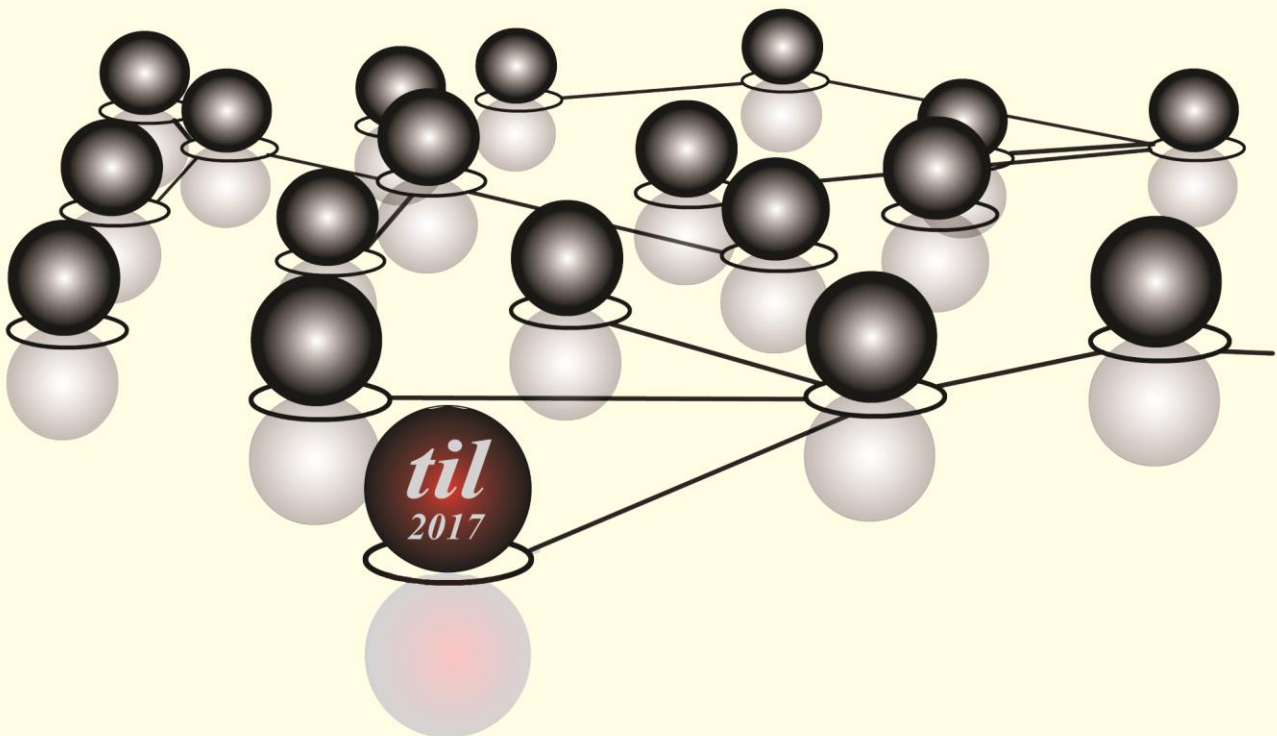
warehousing GIS resource GPS goods project management efficient production traffic supply order reliability AHP method folw system management

material flow storage cranes optimisation SCM simulation structural analysis production logistics control simulation shipping mobile machines transportation

vehicle routing inventory control availability functions control simulation shipping mobile machines transportation city logistics vehicle information flow management traffic safety control VRP E-business distribution lean reverse logistics management

material handling management information flow ergonomoy and industrial design organization supply chain design operation research

PROCEEDINGS



Niš, Serbia 25 - 26 May 2017

**THE SIXTH INTERNATIONAL CONFERENCE
TRANSPORT AND LOGISTICS**

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Edited by

Prof. Dragoslav Janošević

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Vesna Jovanović

Jovan Pavlović

Predrag Milić

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UNIVERSITY OF NIS
FACULTY OF MECHANICAL ENGINEERING
Department for material handling equipment and logistics



FOREWORD

Today, the functions of transport and logistics are performed under numerous dynamic influences, which are, among other things, brought about and imposed by: globalization of the world, consumer society demands, scientific research results, information technologies, political and economic interests, sustainable development criteria and demographic changes.

Evaluating the importance of the development of transport and logistics in the Republic of Serbia and Southeast Europe, in 2002 the European Union, through the TEMPUS programme, adopted and allowed the funding of a three-year project entitled: *The Introduction and Development of a New Study Profile of Transport Flows and Logistics*, which was successfully implemented at the Department of Transport Engineering and Logistics of the Faculty of Mechanical Engineering, University of Niš.

With the aim of presenting the research results and plans in the field of transport and logistics, the Department of Transport Engineering and Logistics of the Faculty of Mechanical Engineering, University of Niš, has thus far organized five scientific events under the title of Transport and Logistics. The first event was held in 2004, as a symposium, within the TEMPUS project, while the last was held in the form of a scientific conference in 2014.

The sixth international scientific conference Transport and Logistics – TIL 2017 is being held at the Faculty of Mechanical Engineering in Niš with the old aim but a new and wider scope of the field of transport and logistics, compared with the previous events. The conference is characterized by the participation of a great number of researchers from universities, faculties, institutes and various organizations from Germany, Greece, Croatia, Bosnia and Herzegovina, Macedonia, Iraq and Serbia.

Original, review and professional papers contained in the Conference Proceedings encompass the fundamental scientific areas of transport and logistics related to: transport flows, planning and control of logistics systems, design and maintenance of transport machines and vehicles. However, apart from the fundamental areas, the proceedings include, equally and legitimately, a number of papers from the scientific fields whose studies deal with urban mobility, sustainable development, environmental protection and decision-making criteria.

It can be said, as a general conclusion of the Conference, that the intense global mobility of people, goods and information, with the expected tendency of further growth, points to the needs and current trends of future research in the field of transport and logistics.

