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Papers selected for the 20th International Symposium on
Transportation and Traffic Theory
Noordwijk aan Zee, The Netherlands, 17 – 19 July, 2013

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Preface

This book contains the papers selection for podium and poster presentation for the Twentieth International Symposium on Transportation and Traffic Theory, held in Noordwijk aan Zee, The Netherlands, from July 17 to July 19, in 2013.

The International Symposium on Transportation & Traffic Theory series is since its first issue in 1959 the main gathering for the world's transportation and traffic theorists, and for those who are interested in gaining or contributing to a deeper understanding of the field. The Symposium traditionally deals with both scientific and operational aspects of transportation and traffic, spanning all modes of transport, and covering freight as well as private and public transport.

The 20th symposium continues the tradition of presenting the latest insights and ideas in transportation and traffic. The papers featured in this volume represent some of the most important and innovative thinking in the field today, pinpointing the key scientific activities in our research domain. Topics include the classic themes considered in the symposium, such as traffic flow theory, traffic control, public transport operations and control, rail traffic management, and traffic assignment modeling, but also include themes that in the past have received less attention, such as innovations in transport planning and network design, pricing, and traffic network dynamics.

The papers of this present symposium were subjected to a multi-stage, peer-review process. That process began with the review of well over 350 abstracts that were submitted for consideration; continued with the review of 100-plus of these works in full paper form; and culminated with the selection of the 35 papers contained in this volume. Next to these papers, 14 papers submitted for poster presentation are included in this volume as well,

The large number and high quality of the submission pool made the selection process a very competitive one, and hard choices had to be made. We thank all authors who submitted work for consideration.

We further thank the dozens of referees from around the world for their important work in reviewing abstracts and papers. Special thanks go to the members of the ISTTT20 Organizing Committee, whose names are listed near the front of this book. We also thank Nicole Fontein and Charelle Heuser for their efforts in organizing the myriad details surrounding this event.

The event was sponsored by the Transport Institute of the Delft University of Technology, TrafficQuest Centre of Expertise in Traffic Management, and the Delft University of Technology.

Serge Hoogendoorn, Victor Knoop and Hans van Lint

April 2013

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