

# Preface

It is our great privilege and honor to present the proceedings of the 24<sup>th</sup> International Symposium on Transportation and Traffic Theory (ISTTT24), which is re-scheduled for 24-26 July 2022 in Beijing, China, and to be held in a hybrid mode due to the continued spread of COVID-19. The ISTTT24 is jointly organized by Beihang University, Beijing Jiaotong University and the Hong Kong University of Science and Technology. We hope this hybrid mode symposium will still provide an excellent forum for scholars from diverse fields to discuss cutting-edge research on transportation and traffic theory, exchange their results, and identify future directions.

The ISTTT series that began in 1959 in Michigan is the premier gathering for the world's transportation and traffic theorists, and for those who are interested in contributing to or gaining a deeper understanding of the field. The ISTTT prides itself in the extremely high quality of its proceedings. The previous ISTTT conferences were held in Warren, Michigan (1959), London (1963), New York (1965), Karlsruhe (1968), Berkeley, California (1971), Sydney (1974), Kyoto (1977), Toronto (1981), Delft (1984), Cambridge, Massachusetts (1987), Yokohama (1990), Berkeley, California (1993), Lyon (1996), Jerusalem (1999), Adelaide (2002), College Park, Maryland (2005), London (2007), Hong Kong (2009), Berkeley, California (2011), Noordwijk aan Zee (2013), Kobe (2015), Evanston (2017) and Lausanne (2019).

All papers collected in the proceedings of the ISTTT24 are considered to meet the quality of top-notch papers published in the best transportation journals and were selected from a multi-stage, peer-review process. The process was highly competitive: In the first stage, 316 extended abstracts were received and reviewed by the members of the scientific and organizing committees, and 120 invitations were made for full-length paper submission. In the second stage, 96 full papers were received and each full paper was reviewed by at least three internationally recognized scholars. After the second stage full paper review, 33 papers were accepted for podium presentation and 19 papers were accepted for poster presentation at the symposium. The revised versions of those full papers accepted by the symposium were then submitted to the virtual special issues (VSIs) in *Transportation Research Part B: Methodological*, *Transportation Research Part C: Emerging Technologies* and *Transportation Research Part E: Logistics and Transportation Review*

for further review by the previous reviewers and the three co-editors, and finally, 47 revised versions are accepted for publication in the three VSIs.

We would like to express our great gratitude to the members of the International Advisory Committee and the Local Organizing Committee and the support and cooperation of the journal editors. Special appreciation is extended to all the reviewers for their considerable time and efforts in the review and selection of the high-quality papers collected in this proceedings. We hope all the papers collected in this proceedings represent the state-of-the-art research and become a valuable reference by researchers in the field of transportation for many years to come. We look forward to a successful ISTTT24.

**Note:** This paper collection is only for the convenience of communication during the conference and for participants' commemoration of this prestigious symposium. The collection is not an official publication with copyright. Permission has been obtained from the journals publisher and authors to print this collection.

The co-chairs of ISTTT24

Hai-Jun Huang

Ziyou Gao

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