

2020 RAS Problem-Solving Competition

Train Travel-Time Estimation

Finalists' announcement

On behalf of the Railway Applications Section, the 2020 Problem-Solving Competition committee would like to thank all of the participants who made the competition this year a success despite the ongoing public health situation in which we still find ourselves. We would also like to thank the judges who graciously volunteered their time to review and evaluate this year's submissions, which is never an easy task. And now, it is our distinct pleasure to announce the finalists for the 2020 Problem-Solving Competition:

Title: *An optimization method for train rescheduling and travel time estimation problem*

Authors:

1. Bisheng He, Associated Professor, School of Transportation and Logistics, Southwest Jiaotong University
2. Hongxiang Zhang, M.S. Candidate, School of Transportation and Logistics, Southwest Jiaotong University
3. Hui Peng, M.S. Candidate, School of Transportation and Logistics, Southwest Jiaotong University

Title: *A multi-objective railway freight timetable reschedule approach with extensive and stochastic delay*

Authors:

1. Hui Wang, M.S. Candidate, College of Transportation Engineering, Tongji University
2. Zhuotong Bai, Ph.D. Candidate, School of Civil Engineering, Tsinghua University
3. Lin Yang, M.S. Candidate, School of Traffic and Transportation, Beijing Jiaotong University

Title: *A Mixed Integer Programming Model For Freight Train Travel-Time Estimation By Minimizing Delay of Trains*

Authors:

1. Bijan Taslimi, Ph.D. Candidate, Department of Industrial and Systems Engineering, University of Florida
2. Farnaz Babaie Sarijaloo, Ph.D. Candidate, Department of Industrial and Systems Engineering, University of Florida
3. Hongcheng Liu, Assistant Professor, Department of Industrial and Systems Engineering, University of Florida

Congratulations to this year's finalists! We look forward to your presentations at the upcoming INFORMS Annual Meeting scheduled for November 8-11, 2020.