

CASPT2022

Tel-Aviv, Israel

6 - 10 Nov 2022

TransitData2022

Welcome (Researchers, Practitioners, Policy Makers)

Stay tuned for updates @ www.caspt.org

The 15th International Conference on Advanced Systems in Public Transport (CASPT2021) is postponed (due to Covid-19) to 2022 (to become **CASPT2022**). We plan to hold it in-person in Tel Aviv (Israel) from **6th to 10th of November 2022**. It will be held in conjunction with the 8th International Workshop and Symposium on Research and Applications on the Use of Passive Data from Public Transport (TransitData).

The CASPT series is the premier gathering for public transport leaders from academia, industry and government, and for all those interested in gaining a deeper understanding of public transport service and operations planning for current and future systems.

The TransitData series highlights the use of passive data sources from public transport: automated fare collection, vehicle location (GPS), passenger counting, and related systems. It brings together researchers and practitioners to discuss methods to analyze these data and to develop innovative applications to improve public transport services.

Previous CASPT conferences took place in: Brisbane, Australia 2018; Rotterdam, Netherlands 2015; Santiago, Chile 2012; Hong Kong, 2009; Leeds, UK 2006; San Diego, USA 2004; Berlin, Germany 2000; Boston, USA 1997; Lisbon, Portugal 1993; Montreal, Canada 1990; Hamburg, Germany 1987; Montreal, Canada 1983; Leeds, UK 1980; and Chicago, USA 1975.

Previous TransitData workshops took place in: Toronto, Canada 2020 (online); Paris, France 2019; Brisbane, Australia 2018; Santiago, Chile 2017; Boston, USA 2016; Gifu, Japan 2014.

Call (an additional round!) for papers and extended abstracts (Important dates of **two alternative tracks**)

Full-paper track

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| 1 March 2022 | Deadline for submission of full papers |
| 15 June 2022 | Notification of the 1 st -round review of full papers, and acceptance for presentation |
| 15 Sept. 2022 | Submission of revised version for selected full papers |

Extended-abstract track (up to 1000 words)

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| 1 March 2022 | Deadline for extended abstract submission |
| 15 May 2022 | Notification of the review result, and acceptance for presentation |
| 15 August 2022 | Submission of revised version of the extended abstracts |

Topics include, but are not limited to:

- Planning (network design, timetabling, vehicle and driver scheduling)
- Operations (monitoring, control, robustness, flexibility, efficiency, reliability)
- Control (real-time strategies, synchronization)
- Modelling, optimization, visualization and simulation techniques
- Mobility and accessibility needs, social equity, security
- Policy (governance, economics, tendering)
- Mobility as a Service (MaaS), Transportation Network Companies (TNCs), Mobility on Demand and ride-sharing
- Modal shift, multimodality, integration of modes
- Behavioral models (mode and route choice)
- Facilities and asset management (rolling stock, terminals, switches)
- Environmental impacts (emissions, noise control, energy)
- Traffic modeling and engineering, and safety aspects of transit services
- Big data, ITS (decision-making and management support)
- Case studies
- Future challenges and opportunities.

Organized by:

Bar-Ilan University
אוניברסיטת בר-אילן



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Israel Institute
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Papers' Awards: Three (or more) awards will be presented to the best papers, including for young authors.

Publications: Papers accepted to journals (following a review process) will be published in three journals: *Public Transport*, *Transportation Research Part C: Emerging Technologies*, and *Transport Policy*.

This publication includes papers accepted from the outset for the full-paper track, as well as full papers from accepted extended abstracts, where accepted full papers will be published as soon as the final-acceptance decision is reached without any deferral.

Venue: Intended Venue: Herods Hotel, Tel Aviv.

Events: Various events, including a trip to Jerusalem and technical visits.

Local Organizers: Yuval Hadas, Bar-Ilan University
 Avi Ceder, Technion– Israel Institute of Technology
 Oded Cats, Delft University of Technology (TransitData coordinator).



International Committees:

CASPT International Scientific Committee:

Juan Carlos Muñoz, Pontificia Universidad Católica de Chile, **co-convener**
 Mark Hickman, The University of Queensland, **co-convener**
 Avi Ceder, Technion – Israel Institute of Technology
 Joachim Daduna, Hochschule für Wirtschaft und Recht Berlin
 Charles Fleurent, GIRO
 Fumitaka Kurauchi, University of Gifu
 Raymond Kwan, University of Leeds
 Janny Leung, The University of Macau
 Hong K. Lo, Hong Kong University of Science and Technology
 Pitu Mirchandani, Arizona State University
 Rabi Mishalani, The Ohio State University
 Dario Pacciarelli, Roma Tre University
 Anita Schöbel, University of Kaiserslautern
 Martin Trépanier, École Polytechnique de Montréal
 Stefan Voss, Universität Hamburg
 Nigel Wilson, Massachusetts Institute of Technology

TransitData Planning Committee:

Oded Cats, Delft University of Technology
 Taku Fujiyama, University College London
 Brendan Hemily, Independent Consultant
 Mark Hickman, University of Queensland
 Haris Koutsopoulos, Northeastern University
 Fumitaka Kurauchi, University of Gifu
 Monica Menendez, New York University in Abu Dhabi
 Rabi Mishalani, The Ohio State University
 Catherine Morency, École Polytechnique de Montréal
 Marcela Munizaga, Universidad de Chile
 Juan Carlos Muñoz, Pontificia Universidad Católica de Chile
 Jan-Dirk Schmöcker, Kyoto University
 Amer Shalaby, University of Toronto
 Martin Trépanier, École Polytechnique de Montréal
 Niels van Oort, Delft University of Technology
 Nigel Wilson, Massachusetts Institute of Technology