

# CASPT2021

Tel-Aviv, Israel

3-7 October 2021

# TransitData2021

**Welcome** (Researchers, Practitioners, Policy Makers)

Stay tuned for updates @ [www.caspt.org](http://www.caspt.org)

The 15<sup>th</sup> International Conference on Advanced Systems in Public Transport (CASPT2021) will be held in Tel Aviv (Israel) **from 3<sup>rd</sup> to 7<sup>th</sup> of October 2021**. It will be held in conjunction with the 7<sup>th</sup> 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/will take place in: Toronto, Canada 2020 (forthcoming); Paris, France 2019; Brisbane, Australia 2018; Santiago, Chile 2017; Boston, USA 2016; Gifu, Japan 2014.

**Call for papers and extended abstracts** (Important dates of **two alternative tracks**)

### Full-paper track

**15 December 2020** Deadline for submission of full papers

**15 April 2021** Notification of the 1<sup>st</sup>-round review of full papers, and acceptance for presentation

**15 July 2021** Submission of revised version for selected full papers

### Extended-abstract track

**15 February 2021** Deadline for extended abstract submission

**15 May 2021** Notification of the review result, and acceptance for presentation

**15 August 2021** Submission of revised version of the extended abstracts

**3-7 October 2021 CASPT2021 and TransitData**

**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



**TECHNION**  
Israel Institute  
of Technology



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

**Publication:** Accepted papers for journals (following a review process) will be published in three journals:

*Public Transport; Transportation Research Part C: Emerging Technologies; and Transport Policy.*

**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, Pontifica Univ 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, Chinese University of Hong Kong

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

Maguelonne Chandèsris, SNCF

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, University of Illinois Urbana-Champaign

Rabi Mishalani, The Ohio State University

Catherine Morency, École Polytechnique de Montréal

Marcela Munizaga, Universidad de Chile

Juan Carlos Muñoz, Pontifica 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