

14th International Conference on Advanced Systems in Public Transport

CASPT 2018

In conjunction with the 4th International Workshop and Symposium on Research and Applications on the Use of Passive Data from Public Transport

TRANSITDATA 2018



Showcase your recent research and applications in Australia –
And meet colleagues from across the world!

23-25 July 2018 **Brisbane Convention Centre, Brisbane, Australia**

We invite researchers and practitioners to participate in a combined event: the 14th International Conference on Advanced Systems in Public Transport (**CASPT**), being held in conjunction with the 4th International Workshop on Research and Applications on the Use of Passive Data from Public Transport (**TRANSIT DATA**). The combined event will be held on 23-25 July 2018 in Brisbane, Australia.

CASPT is an opportunity for you to showcase recent research and applications in advanced systems in public transport. The conference, dating back to 1980, was most recently held in Rotterdam in 2015 and is now coming to Australia. The focus of the conference is on methods for **public transport service and operations planning**, including the following topics:

- Network and route planning
- Vehicle and crew scheduling and rostering
- Operations planning
- Vehicle monitoring and management
- Practical experience with scheduling and transport planning methods

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

- Tools for data management and analysis
- Multi-modal operations and service planning
- Operations monitoring and control
- Demand analysis
- Customer experience and traveller behaviour at the disaggregate level

This exciting combined conference is targeted at transport operators, planners, consultants and academics that are involved in research, development or applications of state-of-the-art and emerging quantitative methods in public transport planning, service delivery, operations, and traveller experience.

CASPT 2018 and TRANSITDATA 2018

23-25 July 2018
Brisbane, Australia



Important Dates:

Extended Abstract Submission: **15 December 2017**
(up to 1000 words)

Notification on Abstracts: **31 January 2018**

Full Paper Submission: **15 May 2018**

Early Bird Registration: **15 May 2018**

Discounted registration will be offered for students.
More details on registration will be posted to the
conference website (www.caspt.org).

For Submission:

Abstract and paper submission will be managed through EasyChair. We particularly invite abstracts and papers that **cross disciplines**, covering both service planning and operations supply models, as well as creative uses of existing automated data sources. We welcome contributions in **methods, applications and case studies**.

CASPT International Scientific Committee:

Hong K. Lo, Hong Kong University of Science and Technology,
Convener

Avi Ceder, Technion – Israel Institute of Technology

Joachim Daduna, Hochschule für Wirtschaft und Recht Berlin

Charles Fleurent, GIRO

Mark Hickman, The University of Queensland

Fumitaka Kurauchi, University of Gifu

Raymond Kwan, University of Leeds

Janny Leung, Chinese University of Hong Kong

Pitu Mirchandani, The Arizona State University

Rabi` Mishalani, The Ohio State University

Juan Carlos Muñoz, Pontificia Universidad Católica de Chile

Dario Pacciarelli, Uni Roma Tre

Martin Trépanier, École Polytechnique de Montréal

Stefan Voss, Universität Hamburg

Nigel Wilson, Massachusetts Institute of Technology

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Nigel Wilson, Massachusetts Institute of Technology

Local Organizing Committee:

Mark Hickman, The University of Queensland

Kelly Bertolaccini, The University of Queensland

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Additional sponsorships available; contact Mark Hickman
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