



1st International Workshop on Utilizing Transit Smart Card Data for Service Planning

2nd - 3rd July, 2014

Nagaragawa Convention Centre, Gifu, Japan

Collecting fares through “smart cards” is becoming standard in most advanced public transport networks of major cities around the world. Using such cards has advantages for users as well as operators. Whereas for travellers smartcards are mainly increasing convenience, operators value in particular the reduced money handling fees. Smartcards further make it easier to integrate the fare systems of several operators within a city and to split the revenues. The electronic tickets also make it easier to create complex fare systems (time and space differentiated prices) and to give incentives to frequent or irregular travellers.

Less utilised though appear to be the behavioural data collected through smartcard data. The records, even if anonymous, allow for a much better understanding of passengers’ travel behaviour as various literature has begun to demonstrate. This information can be used for better service planning.

Workshop Objective

1. To create a network of researchers analysing smart card data for further continuous exchange.
2. To exchange experience on how public transport smart card data can be best analysed with the final goal to establish some “best practice” guidelines.
3. To better understand in how far the data have been already utilised in practice.
4. To include public transport operators in the on-going (academic) discussion to better understand how they see the need and potential for smart card data analysis.

Organisers

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Persons or companies interested in contributing or attending, please contact the organisers at smartcard@trans.kuciv.kyoto-u.ac.jp. Since the space is limited, pre-registration is required to attend this workshop. Further details will be announced in due course.