07 Satisfying Visitors with Collective Navigation While Predicting People Flow

Spatio-temporal data analysis for controlling massive people flow

Abstract

We are researching and developing techniques that allow movements of entire groups to be efficiently navigated by making near-future predictions of people flow and congestion levels based on such information as event information and real-time observations of people and traffic flows.

We help event-management businesses perform smart venue administration by providing comfortable personalized navigation tools based on a visiting plan suited to customer preferences. Our goal is proactive risk management to prevent serious impact on social infrastructure at sporting events, concerts, and exhibitions where there are many people moving around, generating large road traffic and network traffic fluctuations.



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