

Special Session Description
11th International Congress on Advances in Civil Engineering (ACE2014)

Special session on "**Advanced network traffic management: from dynamic state estimation to traffic control**"

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Traffic management has evolved a lot over the past decades due to advances in ITS and data collection, reaching today a level of maturity that allows for effective implementations with realistic expectations and practical benefits for all. This session aims to present both established and state-of-the-art solutions in this field and also showcase emerging innovative ideas and technologies.

Papers on all aspects of traffic control and management are suitable for this session, including papers focused on:

- (1) Large-scale urban traffic control;
- (2) Coordinated traffic control;
- (3) Combined traffic control and traffic management (e.g. ramp metering with variable speed limits);
- (4) Traffic state estimation and prediction;
- (5) Integrated corridor management; and
- (6) Case studies and applications.