

2017 IEEE/SICE International Symposium on System Integration (SII2017)

Special Session on “Environmentally Sustainable Transportation Systems”

organized by

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Call for Papers

Transportation is a critical part of global economy, providing for the movement of people and goods throughout the world, enabling our economic growth. However, the rapid development of transportation industry has brought about many environmental issues, such as air pollution, noise pollution and greenhouse effect. Reducing the environmental effects of transportation has become a biggest public challenge faced by the transportation profession over the coming decades. This theme focuses on generating safe, environment-friendly and viable traffic operation strategies and/or decision support for a healthy and sustainable transportation system.

Topics of interest include, but are not limited to:

- 1) Evaluate potential benefits of initiatives, including source reduction technologies and operational advancements
- 2) Assess the effects of environmental constraints on transportation system expansion
- 3) Analysis of interaction between traffic efficiency, safety and environment
- 4) Alternative decision support transportation modes and system efficiency/optimization
- 5) Reduction strategies of air pollution, noise pollution and Greenhouse Gas Emissions
- 6) Reducing Dependence on Carbon-Based Fuels for Transportation

Submissions Procedure: All the instructions for paper submission are included in the conference website <http://www.sii2017.org>. A good quality paper may be considered for publication in IEEE Transactions on Industrial Informatics subjects to further rounds of review

Deadlines:

Reception of full paper:	June 30, 2017
Paper acceptance notification:	September 20, 2017
Camera ready paper reception:	October 20, 2017