

Thematic Issue Proposal for Recent Advances in Electrical and Electronic Engineering

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**Title: Recent Research in Intelligent Transportation Systems and Big Data
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Aims & Scope:

Intelligent transportation is a hot spot and frontier of world transportation development. It relies on the integration of transport infrastructure and vehicles technology, and it aims at building a safe, convenient, efficient and green transportation system through the integration of modern information, communication and control. It is an important symbol of modern transportation industry and the important condition for building smart city.

With the development of the information technology, big data technology has a rather subversive progress following the cloud technology and internet technology of things, and it will affect people's activities from almost every domains. Big data will bring extremely profound impact on our future production and life.

Therefore, this special issue aims to provide an opportunity for researchers to publish their gifted theoretical and technological studies in intelligent transportation system, electrical and electronic engineering in transportation, and novel engineering applications in big data.

This special issue will be focus on the state-of-the-art research and application in the studies of all areas regarding intelligent transportation system and big data. Excellent review articles are also welcome.

Keywords:

Intelligent Transportation System

Electrical and Electronic Engineering in Transportation

Intelligent Vehicle Technology

Modeling, Control and Simulation of Intelligent Transportation System

Transportation Smartification and Intelligent Logistic

Transportation Network

Intelligent Rail Transit System

Vision and Image Processing and Vehicle Environment Perception

New concepts, types, and sources for variety in Big Data

Infrastructure and Platform for Big Data

Models and Analytics for Big Data

Data reduction, feature selection and transformation algorithms

Data visualization

Information quality within Big Data

Storage and Querying for Big Data

Schedule:

Manuscript Submission deadline:	Jun. 25, 2018
Peer Review Due:	Jul. 18, 2018
Revision Due:	Jul. 28, 2018
Notification of acceptance by the Guest Editor:	Aug. 5, 2018
Final manuscripts due:	Aug.20, 2018