



CALL FOR PAPERS

ICIATT 2020
Nov 19-20, 2020
Singapore, SG

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICIATT 2020 : International Conference on Intelligent Agents in Traffic and Transportation is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Intelligent Agents in Traffic and Transportation. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Applications of AI technology in traffic, transportation, and transport logistics
Optimization (e.g., traffic assignment, routing, route choice)
Autonomic transportation systems
Coordination in intelligent transportation systems
Intelligent, adaptive traffic control
Distributed decision making in traffic, transportation and transport logistics
Multi-agent systems for intelligent vehicles
Machine learning and multi-agent learning for traffic and transportation
Mobile devices in smart transportation systems
Intelligent monitoring of transportation systems

Data collection, filtering and distribution of traffic information and transportation data
Autonomous vehicles and collaborative driving
Self-properties of traffic systems
Multilevel goals and goal conflicts in traffic and transportation
Agent-based approaches to modelling driver behavior
Cognitive approaches to modelling traffic participants
Agent-based simulation of traffic and transportation systems
Agent-based pedestrian and crowd simulation
Future technologies: opportunities for smart transportation
Shared and on-demand mobility