



Advancing Actuators-Based Land Transport Systems: State of the Art and New Technologies

Guest Editors:

Dr. Hai Wang

College of Science, Health,
Engineering & Education,
Murdoch University, Murdoch, WA
6150, Australia

**Prof. Dr. Vladimir V.
Vantsevich**

Department of Mechanical
Engineering, Vehicle and
Robotics Engineering Laboratory,
The University of Alabama at
Birmingham, 1720 University
Blvd, Birmingham, AL 35294, USA

Prof. Dr. Giuseppe Carbone

Department of Mechanical,
Energy and Management
Engineering, Università della
Calabria, 87036 Rende, Italy

Deadline for manuscript
submissions:
closed (20 December 2022)

Message from the Guest Editors

Aiming at widely spreading the latest research in the field, we are pleased to announce a Special Issue “Advancing Actuators-based Land Transport Systems: State of the Art and New Technologies”. This Special Issue will bring together original and high-quality articles through an international standard peer-review process with the following main topics (not an exhaustive list):

- Modeling, estimation, and control of actuator-based land transport systems.
- Fault diagnosis and prognosis of actuator-based land transport systems.
- Fault tolerant control of actuator-based land transport systems.
- Classical chassis and modern by-wire systems in intelligent vehicles of actuator-based land transport systems.
- Sensing, interpreting, and decision makings of connected and autonomous vehicles in land transport systems.
- Navigation, guidance, and control of autonomous vehicles in land transport systems.
- AI based modelling, optimization, estimation and control technologies for actuator-based land transport systems.
- Tests and evaluation on actuator-based land transport systems.

