

Editorial

Vehicles: A New Open Access Journal to Publish Your Ground Vehicle Research Results

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The broad definition of a vehicle includes any type of mechanism that transports people or cargo in the air or space, on or under the surface of the water, or on the surface of the ground. This newly launched, international, peer-reviewed, open access journal, *Vehicles*, focuses on ground or land-based vehicles. The automotive industry, which is dedicated to ground-based vehicles, is changing faster today than it has over the last 100 years. The automotive industry will play an important part in the next industrial revolution. Emerging sectors in vehicle research and development include electric and hybridized vehicles, connected and autonomous vehicles, unmanned ground vehicles, vehicle network infrastructure and computing, and vehicular cybersecurity. It is our intention to provide an advanced forum for theoretical, computational, and experimental research on all ground-based vehicles, including motorcycles, cars, buses, trucks, personal mobility devices, and last-mile mobility systems. Papers that explore the vehicle–environment relationship and those related to vehicular infrastructure are also welcomed.

Several scholarly journals focus on the automotive or ground vehicle arena; several are dedicated to vehicular subsystems or components such as powertrains, propulsion, vehicle dynamics, etc. However, only two or three open access journals are dedicated to the vehicular or automotive-related field. This open access journal offers several advantages, including no access costs to the reader, immediate availability, easy search and locating tools, stimulating and inspiring research, impact studies and citations, as well as increased visibility for both authors and institutions. This new open access journal, launched by the reliable MDPI editorial house, provides a publication platform for all types of ground vehicle research. The MDPI editorial offices are accomplished in offering such services and recently have successfully launched several open access journals.

The scope of *Vehicles* includes, but is not limited to, the following topics:

- Vehicle components and subsystems
- Vehicle and driveline dynamics
- Vehicle electrical systems
- Internal combustion engines
- Fuel and energy systems
- Terramechanics including the study of tires and roads
- Smart materials for vehicles
- Lightweight materials for vehicle applications
- Vehicle manufacturing
- Interaction between vehicles and environments
- Intelligent and autonomous driving/control
- Computation and modelling
- Testing

We look forward to receiving your contributions to *Vehicles*, and we welcome your comments and ideas on how to make this an outstanding journal. I can be reached through the Editorial Office (vehicles@mdpi.com) or through my email (geneliao@wayne.edu).



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