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Modern Diagnostics Systems in Transport

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Deadline for manuscript
submissions:

closed (30 January 2023)

Message from the Guest Editors

In this Special Issue dedicated to the diagnostics of systems in cars, trains, planes and ships, we collect articles on many aspects of vehicle and infrastructure diagnostics, such as multi-sensor fusion, big data processing, sensors related to science/research, algorithms/technical development, analytical tools, synergy with sensors in electronic systems, data fusion and artificial intelligence methods for transport asset diagnostics.

Topics of interest include, but are not limited to:

Diagnostics of car electronic systems

Diagnostics of electronic systems of trains

Diagnostics on aircraft electronic systems

Diagnostics on electronic systems of ships

Diagnostics of electronic systems of infrastructure

Sensor data processing, data reduction, feature extraction and image understanding

Automatic target and obstacle detection and classification

Algorithms and methods for target tracking and collision avoidance

Artificial intelligence for navigation and sensor data processing

Big data processing for in-vehicle electronic systems

Path planning methods for autonomous vehicle navigation



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Special Issue



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Message from the Editor-in-Chief

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