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## Sensors and Signal Processing for Fault Diagnosis and Failure Prognosis of Means of Transport

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Deadline for manuscript  
submissions:

**closed (31 December 2022)**

### Message from the Guest Editor

Dear Colleagues,

I invite you to submit to a special issue of the Sensors journal entitled “Sensors and Signal Processing for Fault Diagnosis and Failure Prognosis of Means of Transport”. Means of transport are required to exhibit high reliability and comfort of use. Vibration and noise signals of means of transport are valuable information about their technical condition. The use of different sensors and measurement methods as well as advanced signal processing methods enable early detection of wear and faults to means of transport. All this increases reliability and extends their failure-free operation, as well as allows scheduling repairs in advance. The development of measuring methods and equipment should be geared towards fast measurement in stationary and non-stationary operating conditions, even in hard-to-reach places. The signal recorded in this way requires advanced processing to be carried out in order to diagnose the damage occurring and to enable further prognosis. Improvement of existing solutions and development of new sensors, measurement methods and signal processing methods are the challenges and specific problems of the research work undertaken.



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# Special Issue



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## Message from the Editor-in-Chief

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