esrel

European Safety and Reliability Conference

esrel2021.org

CALL FOR ABSTRACTS

Special session on
Safety and Reliability of Intelligent Transportation Systems

Description

This special session welcomes papers that address any safety and reliability problem of intelligent transportation systems. We hope to discuss various issues including but not limited to system modelling, prediction and estimation, system maintenance, and the use of artificial intelligence approaches. Papers could be dealing with one transportation mode or an integration of a few. Both analytical and application oriented works will be considered.

Motivation

Transportation systems have become very complex today, with many different modes of travelling. Transportation systems are also becoming more intelligent with the adaptation of AI technology and approaches. Safety and reliability will be an important and difficult problem. There is a need to have more discussion and further research on this problem, especially as transportation systems are safety critical and at the same time affect our daily life.

Objective

Papers focus on different aspects of safety and reliability related to transportation system will be welcomed in this session. We hope to have both academic research paper and application studies. It will provide authors an opportunity to listen to each other.

Organizer

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The validation of the special sessions will be done under the responsibility of the technical and scientific committee. Organizers are invited to provide a list of reviewers that may be supplemented by TC members to ensure consistency in the evaluation process.