

19th INTERNATIONAL CONFERENCE ON EXPERIMENTAL MECHANICS

Kraków, Poland, July 5-9, 2020



CALL for Papers!

Special Session on Vibration Assessment of Bridges

This Special Session focuses on the assessment of bridge loads and/ or structural behaviour using dynamic testing techniques.

The assessment of the loads and structural behaviour of bridges, to validate design methodologies and/or to characterise the condition in use at a certain moment of their lifecycle or else their continuous monitoring for damage detection and identification constitute today essential components in the management and operation of such structures.

Papers dealing with innovative sensors and devices for assessment of loads, or else new algorithms for identification of structural properties and assessment of damage, or with practical experiments on real bridges are relevant for this session. Other topics to be covered include, but are not limited to: wind loads, pedestrian loads, vehicle-bridge interaction effects, bridge response to natural environment and natural hazard; damping characterisation and vibration mitigation; analytical/ numerical formulations for bridge vibrations.

Abstract Deadline: November 30, 2019

Abstract Submission : <https://icem19.org>

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