MINISYMPOSIUM

FATIGUE AND STRUCTURAL INTEGRITY OF METALLIC BRIDGES

1. Symposium title

Fatigue and Structural Integrity of Metallic Bridges (FSIMB)

2. Organizers, including affiliations

Stéphane Sire (University of Brest, France)
José António Correia (University of Porto, Portugal)
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Hermes de Carvalho (Federal University of Minas Gerais, Brazil)
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Matthew Hebdon (Virginia Tech, USA)
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4. Short description of the symposium including the scope and target public

The Symposium on Fatigue and Structural Integrity of Metallic Bridges is organised by the Wroclaw University of Science and Technology and will take place on the city of Wroclaw, Poland, on 15-17 September 2021. This Symposium is intended to be a forum of discussion of the recent advances in the domain of structural integrity, fatigue and fracture of metallic bridges (materials, assemblies, construction details and structures), their structural analysis, maintenance, durability and reinforcement. It is expected contributions from engineers, scientists, consultants among others, allowing a very multidisciplinary discussion.

The goal of the Symposium is to provide a platform to present the last research advances related to the fatigue and structural integrity of metallic bridges, on:

- Design and construction analysis
- Structural integrity, safety and performance
- Non-destructive and laboratory testing
- Inspection, assessment and structural health monitoring
- Numerical modelling
- Structural and constructional detail analysis
- Strengthening and repairing
- Life prediction

Selected papers of the ICMFM-FSIMB will be published in scientific journals available in the ICMFM event.
Please submit your work by email to **stephane.sire@univ-brest.fr** ; **jacorreia@inegi.up.pt** or **icmfmxx@pwr.edu.pl** with subject **ICMFM-FSIMB**