

## **Fatigue Behaviour, Modelling and Applications**

### **1. Symposium title**

Fatigue Behaviour, Modelling and Applications

### **2. Organizers, including affiliations**

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### **3. Corresponding organizer and contacts (e.g. e-mail, phone)**

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### **4. Short description of the symposium including the scope and target public**

This symposium is intended to bring together delegates from around the world to show their recent efforts and discuss how to characterize, predict, validate experimentally and modelling the fatigue mechanical behaviour of metallic, composites and polymeric materials. The behaviour at varied length scales will also be welcome in this symposium. This symposium will cover sessions in the form of oral presentations or posters that will facilitate sufficient time for a thorough technical presentation and follow-up discussions of the cutting edge issues in this important field of fatigue and fracture of engineering materials. The principal objective of this symposium is advance the knowledge and the understanding of the phenomena governing the fatigue and the fracture behaviour of engineering structures/components by employing the varied analytical, computational and experimental techniques. Applications, Case studies and Historical Perspective of Major Catastrophes are one of the welcome topics.

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