



**7th International Conference on
Material Science
&
Smart Materials
“MSSM 2021”**

Materials Science



August 04-06 2021

Brunel University London

Online presentations are welcome

Introduction

The purpose of this conference on Materials Science and Smart Materials is to provide a forum for both researchers and practitioners around the world to present papers on recent developments in the fields of Materials Characterisation, Design, Development Manufacturing and Application.

The conference will provide a forum for presenting research papers by internationally recognised experts and young scientists working in the field of Materials Science and Smart Materials.

The organising committee of the conference invites papers from researchers and practitioners from academic as well as industry within the scope of the conference subjects.

Scope

The conference particularly welcome papers related to industrial based projects. Papers dealing with one or more of the following topics will be considered for the conference:

- Metallic Materials
- Ceramics / Glassy Materials
- Composite Materials
- Polymeric Materials
- Electronic Materials
- Biomaterials
- Fundamental Materials Science
- Materials Applications, Performance and Life Cycle
- Materials Property and Characterization
- Nanostructured Materials
- Sensors and structural identification
- Active polymers, materials and actuators
- Smart Biomaterials and Bioinspired Smart Materials and Systems
- Energy Storage Materials and Energy Harvesting
- Quantum Materials and Metamaterials
- Piezoelectrics and Piezomagnetism
- 3D Printing and Smart Coatings and Surfaces
- Magnetic Materials and Smart Materials for Specific Applications
- MEMS and Active Materials in MEMS Applications
- Smart Materials, Smart Mechanisms, Smart Machines and Smart Manufacturing (4SM)

- Vibration and shape control
- Adaptive crashworthiness
- Compliant materials and mechanisms
- Multifunctional composite design, modelling and optimization
- Materials for energy storage and Fuel Cells

Publication:

Accepted papers will be published at:



Sessions, Workshops and Symposiums

MSSM2021 welcome you to suggest or organise Sessions, Workshops and Symposiums.

Submission of Abstracts

Interested contributors are requested to submit abstract(s) of up to 200 words to the email below.

MSSM2021 Organising Committee

Prof Hussam Jouhara (Co-Chair)
Prof Abdul Ghani Olabi (Co-Chair)
Prof Kai Cheng
Prof Mohamad Ramadan
Prof Michele Dassisti

International Advisory Committee:

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Prof Paul D. Topham (UK)
Prof Kai Cheng (UK)
Dr Richard A. Martin (UK)
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Dr A Al Makky (UK)
Dr Tabbi Wilberforce (UK)
Prof Mark Jackson (USA)
Prof Yanhua Zou (Japan)

Prizes

Sponsored prizes will be awarded for the best papers presented by postgraduate students. Judges will decide on the awards in light of the quality of both the written paper and the presentation.

The Venue

The conference will be held at Brunel University London, Brunel University London is a single campus in Uxbridge, west London. The campus is well connected to the rest of the UK, just a short drive from the M25, M4 and M40 motorways, for more information please visit: <https://www.brunel.ac.uk/about/finding-us>

Important Dates:

Receipt of abstracts	20/05/2021
Notification of abstract acceptance	25/05/2021
Receipt full paper	25/06/2021
Conference	05-07/08/2021

Registration Fees	Before	After
	30/06/2021	30/06/2021
Author/ Delegate	£450	£550
Committee Member	£400	£500
Session Organiser	£350	£450
Student	£350	£450
Online	£300	£400

Registration fees cover participation in all sessions of the conference, a copy of the proceedings, lunches, refreshments and conference dinner. Author could submit only 1 paper (author allowed to submit additional paper for extra charge of £150).

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