



19th INTERNATIONAL CONFERENCE ON EXPERIMENTAL MECHANICS

Kraków, Poland, July 17-21, 2022



CALL for Papers!

Special Session

on

(3) Dynamic Response of Materials and Structures

There has been a growing interest to understand mechanical response of materials and structures under impact loading for civil, automotive, transportation, aerospace, and military applications related to low-speed drop, low-to-high-speed crash and impact, high-to-ultra-high-speed penetration, etc. Dynamic response of materials and structures are crucial to evaluate their performance in such extreme mechanical environments and to develop high-fidelity rate dependent material models for simulating even more complex mechanical environments. This symposium will provide a forum for researchers and engineers to exchange ideas on dynamic response of materials and structures. The topics covered in this symposium are, but not limited to,

- **Dynamic experimental and diagnostic techniques**
- **Dynamic behavior of materials (metals, composites, polymers, foams, biological materials, geomaterials, explosives, etc.)**
- **Structural impact response**
- **Modeling of dynamic response of materials and structures**

Abstract Deadline: February 7th, 2022

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

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