

19th INTERNATIONAL CONFERENCE ON EXPERIMENTAL MECHANICS

Kraków, Poland, July 5-9, 2020



CALL for Papers!

Symposium

on

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: November 30, 2019

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

For more information contact:

Bo Song, Sandia National Laboratories, bsong@sandia.gov

Vikas Prakash, Case Western Reserve University, vxp18@case.edu