

# 19th INTERNATIONAL CONFERENCE ON EXPERIMENTAL MECHANICS

Kraków, Poland, July 5-9, 2020



## CALL for Papers!

### Special Session

on

## Rate-dependence in Polymers

Rate sensitivity is perhaps the single most important factor influencing the mechanical behavior of polymers. In this special session, the scientist and engineers working on structural and functional polymers are invited to present recent advances in characterization and modeling of rate and time effects in visco-elasticity, visco-plasticity, damage, failure, and multi-physical behavior of polymers in rubbery and glassy regimes. The combined effect of temperature, chemical and molecular effects, and extreme conditions are of interest as well. Experimentally and physically informed modeling and computational work in design of experiments are encouraged as well as potential utilization of rate-dependence in micro- and macro-scale design.

**Abstract Deadline: November 30, 2019**

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

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