

## – Call for Papers –

International Conference  
on  
**Polymer Processing in Engineering (PPE)**  
6<sup>th</sup> Editions



18-19 November 2021

**Virtual Conference**

Hosted by Dunarea de Jos University of Galati, Romania

### Description of the conference

Polymer Processing in Engineering (PPE) Conference, held every two years, aims to gather academic researchers and industrial partners involved in the field of polymers. The main objective of the PPE Conference is to present research advances in the field of polymers and polymer-based composites, from state-of-the-art research and development to characterization, processing and manufacturing, numerical modeling and many new and emerging applications of polymeric materials. It also offers opportunities to exchange innovative ideas, to foster new connections between academic research and industry, and to find international partners for future collaborations.

### Technical Focus

The PPE 2021 conference will cover all of the important areas in the field, from state-of-the-art research and development to characterization, fabrication, technology development, numerical modeling and many new and emerging applications of polymeric materials.

This conference will provide a platform for interdisciplinary discussion on recent development in polymer processing and engineering. Specific topics include, but are not limited to:

- Polymer processing, rheology & rheometry
- Biopolymers & biotechnologies
- Nanopolymers & nanotechnologies
- Polymers, functional surfaces and bio-material interfaces
- Properties of polymers, including thermal, surface and adhesion
- Surface modification of polymers
- Green polymers, reprocessing & recycling
- Mechanical behavior of polymers and polymer composites
- Fracture mechanics of polymers & polymer composites
- Reliability & testing methods
- Product, mould design, & manufacturing processes
- Applications of polymers in industry
- Computational polymers & polymer composites

### Paper Submission

Authors are encouraged to submit an **abstract for review by September 1, 2021**, via the conference website. The manuscript for review must be submitted by October 1, 2021. Authors may also consult <http://www.if.ugal.ro/PPE2021/> for updates.

### Organizers

Conference Chair - Loredana SANTO, University of Rome Tor Vergata, Italy

Chair of Scientific Committee - Felicia STAN, Dunarea de Jos University of Galati, Romania

Technical Program Chair - Catalin FETECU, Dunarea de Jos University of Galati, Romania