



## SUBMIT AN ABSTRACT FOR THE FOLLOWING SYMPOSIUM

### ADVANCED CHARACTERIZATION METHODS

## Enhancing Materials by Changing Surfaces and Interfaces: An EPD/FMD/LMD/SMD Symposium in Honor of Jaroslaw Drelich

Professor Jarek Drelich has devoted his career to research, education, and community service, focusing primarily on surface and interface science, mineral engineering, metallurgy, and medical materials and coatings. His pioneering research on zinc- and magnesium-based alloys for medical implant applications, along with his contributions to the understanding of wetting phenomena and contact angles on various material surfaces, has earned him international recognition. Additionally, his work in surface charge microscopy and colloidal probe microscopy has significantly influenced his peers in these fields.

This symposium is organized to honor Professor Drelich's outstanding contributions to surface and interface science in minerals, metals, and materials, and to provide a platform for sharing the work of those he has inspired through his scientific contributions and innovations.

The honorary symposium will focus on the fundamental and applied sciences that enhance materials, including the characterization and processing of surfaces and interfaces in the fields of minerals, metals, polymers, and composites. Presentations and manuscripts related to Professor Drelich's research background and achievements are especially encouraged. The technical topics will include:

- Synthesis, characterization, and assessment of medical implant materials
- Biodegradation phenomena of metals and polymers
- Surface science and engineering of minerals and materials
- Formulation and utilization of polymeric composites
- Recycling of byproducts

#### SPONSORED BY:

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