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# Advances and Trends in Non-conventional, Abrasive and Precision Machining

Guest Editors:

#### Prof. Dr. Mariusz Deja

Department of Manufacturing and Production Engineering, Faculty of Mechanical Engineering, Gdańsk University of Technology, 80-233 Gdańsk, Poland

#### Dr. Angelos P. Markopoulos

Section of Manufacturing Technology, School of Mechanical Engineering, National Technical University of Athens, 15780 Athens, Greece

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## **Message from the Guest Editors**

The modern highly competitive industrial environment demands machining and production processes resulting in exceptional quality and precision. Nonconventional machining processes differ from conventional ones, as they utilize alternative types of energy, such as thermal, electrical, and chemical, to form or to remove material. Commonly, the energy source has high power density, while the process features prodigious accuracy, and the capability to produce and handle demanding shapes and geometries. Examples of nonconventional machining processes are electrical discharge machining (EDM), electrochemical machining (ECM), laser processing, and laser-assisted machining. Abrasive processes like grinding, lapping, polishing, and superfinishing are constantly developing and allow for obtaining a fine surface finish along with high efficiency.

This Special Issue aims at attracting researchers to present recent advances and technologies in the aforementioned fields, indicating the future trends for nonconventional precision machining processes.







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## **Editor-in-Chief**

## Prof. Dr. Antonio J. Marques Cardoso

CISE—Electromechatronic Systems Research Centre, University of Beira Interior, Calçada Fonte do Lameiro, P -6201-001 Covilhã, Portugal

# Message from the Editor-in-Chief

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