

## Special Issue

# Electrochemical Machining: Machines, Processes, Electrodes, Power Supplies, and Their Systematic Integration

### Message from the Guest Editors

Electrochemical machining (ECM) is becoming increasingly important as the enabling technology for manufacturing difficult-to-machine materials, particularly in complex geometries at the industrial scale. ECM technology is a timely and fast-moving topic area, particularly applied to medical engineering, aeronautic and aerospace engineering, precision engineering, etc., as it is not limited by the hardness and toughness of metal materials to be machined.

Furthermore, it can overcome and go far beyond the conventional limitations by combining new technology, new scientific understanding, new modelling and analysis tools, and advanced algorithms and multidisciplinary engineering capabilities. This Special Issue is indeed an attempt to collate the recent research and development in the field and fulfil the new and big goals in the topic area.

### Guest Editors

Dr. Qingming Fan

Dr. Chuanyun Zhang

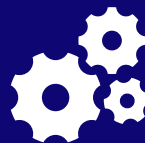
Prof. Dr. Kai Cheng

Prof. Dr. Mark J. Jackson

Prof. Dr. Yongjun Zhang

### Deadline for manuscript submissions

closed (20 February 2025)



## Machines

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### Message from the Editor-in-Chief

*Machines* is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided. There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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### Editor-in-Chief

Prof. Dr. Antonio J. Marques Cardoso  
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