



## Cutting Tools: Materials, Development and Performance

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Deadline for manuscript  
submissions:

**closed (31 January 2023)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue of *Machines* invites high-quality research papers related to the topic of cutting tools, in particular:

- Energy- and resource-saving technologies for cutting tools fabrication;
- Powder metallurgy, including the synthesis of starting powders designed for the sintering of cutting inserts;
- Development of new materials for cutting tools, including ceramics, cermets, composites, etc., including machinery for their manufacturing;
- Theoretical and experimental research on process-dependent structure formation at micro- and nanoscale;
- Surface engineering methods for cutting tools;
- Characterization of cutting tools performance (durability, cutting accuracy, surface integrity, wear mechanisms, etc.);
- Environmental issues such as EoL (end of life), sustainability, avoidance of pollution, and energy and resource efficiency.

Dr. Miroslaw Rucki

*Guest Editor*





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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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