



## Advanced Technology of Material Processing: Abrasive Water Jet Machining

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Deadline for manuscript  
submissions:

**closed (20 May 2023)**

### Message from the Guest Editor

Dear Colleagues,

The Special Issue is aimed at new knowledge in the field of abrasive water jet (AWJ) application, but rather from the theoretical and experimental point of view than a statistical one. Therefore, welcome articles should address findings explaining the nature of behavior of material and jet during AWJ machining processes, i.e., cutting, turning, milling, drilling, grinding and/or polishing. The topic of papers should aim at principles of material and jet behavior in selected application, preferably with a direct link to quality evaluation, monitoring of the machining process or its control. Theoretical studies describing certain parts of the machining processes should also be valuable if they contain experimental results confirming the presented conclusions. The presentation of new measuring procedures is also welcome. They should be focused on better understanding of AWJ generation and monitoring of jet propagation in the environment between cutting head outlet and machined material. Contributions on measuring methods useful for studying the material response to various machining processes can be of special interest.

Prof. Libor M. Hlavac

*Guest Editor*





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## Message from the Editor-in-Chief

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