

Special Issue

Micro EDM and Sustainability

Message from the Guest Editor

Micro-EDM is one of the most energy-intensive processes when compared to metal-cutting operations. The environmental problems with using EDM technology are due not only to the high specific energy consumption but also to other aspects. In fact, the process in general is characterized by a poor material-removal rate (MRR), the electrode is subject to erosion, and, as a function of the nature of the used dielectric, during the machining, there are hazardous emissions near to the operator-breathing zone and the possibility of fire explosions. In light of all this, studies on the sustainability of the micro-EDM process are a current and interesting topic.

Guest Editor

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