Editorial

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Biographical notes: J. Paulo Davim received his PhD in Mechanical Engineering from University of Porto in 1997 and the Aggregation from University of Coimbra in 2005. Currently, he is an Aggregate Professor in Department of Mechanical Engineering of the University of Aveiro and the Head of MACTRIB – Machining and Tribology Research Group. He has more than 23 years of teaching and research experience in machining, tribology and precision manufacturing processes. He is the Editor of four international journals, Guest Editor, Editorial Board Member, Reviewer and Scientific Advisory for many international journals and conferences. He has also published more than 250 articles in SCI international journals and conferences.

Nowadays, meso (1–10 mm)/micro (1–1000 μm) manufacturing is an important technology for conventional products as well as for new products, especially where miniaturisation, mechatronics and high performance are important. Applications of meso/micro manufacturing are in advanced industry, for example, aerospace, automotive, optical, military, alternative energy, biomedical and microelectronics packaging, etc. Meso and micro manufacturing processes can be applied to work metallic and non-metallic materials such as polymers, ceramics, composites and special materials.

The purpose of this special issue is to present a collection of examples illustrating the state-of-the-art some developments of meso and micro manufacturing technology.

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