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## 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 25 years of teaching and research experience in manufacturing, materials and mechanical engineering with special emphasis in machining and tribology. He is the editor of six international journals, guest editor, editorial board member, reviewer and scientific advisory for many international journals and conferences. He has also published more than 350 articles in journals and conferences (more 180 articles in ISI Web of Knowledge, h-index 25+).

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Machining is one of the most important manufacturing processes with great development in industrialised countries (G7) and countries with emerging economies (BRICS). Machining is the broad term used to describe removal of material from a workpiece, it covers several processes, namely, traditional processes (for example, turning, drilling, milling, grinding) and non-traditional processes (for example, LBM, EDM, ECM, USM).

The purpose of this special issue is to present a collection of six papers illustrating some advances in machining processes.

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