
Editorial

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Biographical notes: Paulo A.F. Martins received his PhD in Mechanical Engineering from Instituto Superior Técnico, TULisbon, Portugal in 1991 and attained Habilitation in 1999 in recognition of his work in the numerical and experimental simulation of metal forming processes. He is currently Professor of manufacturing and president of the scientific council at Instituto Superior Técnico, TULisbon. His research interests include metal forming and metal cutting and he is co-author of three books, several national and international patents and more than 200 papers in international journals and conferences. He belongs to the editorial board and collaborates as reviewer of several international journals.

Tribology deals with the interaction between workpiece and tools and plays a very important role in manufacturing. Friction and wear are key problems for technicians and engineers who design processes and products in daily practice because good lubrication conditions can significantly influence the performance and economics of the manufacturing operations.

This special issue of the *International Journal of Surface Science and Engineering* contains a selection of high quality research papers related to tribology in manufacturing processes with special emphasis on modelling of friction and wear in tools, dies and workpieces, evaluation of coatings and lubricants, new testing methods and industrial case studies.

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