Editorial

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Biographical notes: J. Paulo Davim received a PhD Degree in Mechanical Engineering from the University of Porto and the Aggregation from the University of Coimbra. During 10 years, he was a Lecturer in University of Porto. Currently, he is Auxiliary Professor with Aggregation in University of Aveiro, Portugal. He has about 20 years of teaching and research experience in machining and tribology. He is the Editor of two international journals in these subjects. He is Guest Editor, Reviewer and an Advisory for many international journals. He has also published more than 150 articles in refereed international journals and conferences. His research activities are in tribology/surface engineering and machining/manufacturing.

Liangchi Zhang is Professor at the University of Sydney and Fellow of the Australian Academy of Technological Sciences and Engineering. After receiving his PhD Degree from Peking University, he has worked at the University of Cambridge and Japan National Mechanical Engineering Laboratory. He has published four books and over 180 journal papers, edited six books, and patented three technologies on machining and materials. He has received a number of academic awards and was granted a higher doctorate degree, DEng, by the University of Sydney. His research activities are in nanomechanics and nanomaterials, tribology, solid mechanics and precision manufacturing.

The objective of this international journal is to provide an effective medium for the dissemination of recent advances and original research in the field of *Surface Science and Engineering* related to any components/devices/elements across a wide range of disciplines and industries. The journal publishes refereed quality papers in surface science and engineering, but with a special emphasis on the research, development and innovation in friction, wear, coatings and surface modification processes such as surface treatment, cladding, machining, polishing and grinding, across multiple scales from nanoscopic to macroscopic dimensions. The journal publishes research papers, review

papers, technical papers and notes, short communications, discussion on papers and case studies. The journal also publishes special issues on topics of specific interest within the scope of the journal. The journal covers the following topics (but not limited to):

- surface characterisation and metrology
- surface integrity
- contact mechanics
- friction and wear, including mechanisms, modelling, characterisation, measurement and testing
- interface temperature of sliding surfaces
- lubrication and lubricants
- coatings and surface treatments
- multiscale tribology including biomedical/biological systems and manufacturing processes
- tribology of composite materials: metallic, polymeric and ceramic
- tribological applications
- surface modifications, including surface cladding, cutting, polishing and grinding
- special surfaces such as those for high-performance lenses.

The founders and the Editors of the journal would like to take this opportunity to acknowledge the adequate and professional support from Dr. M. Dorgham and his team at Inderscience Publishers, to the members of the Editorial Board for their hard work throughout the launch process of this journal, and especially to you, the reader and the potential authors, for your forthcoming contributions to the journal.