
Editorial

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Surface engineering, including modifying and improving the surface structure, properties and textures of engineered products, is of predominant importance to enhance the characteristics, functionality and reliability of products. The aim of this special issue of the IJMPT is to foster the interchange of information on the latest development and applications in surface engineering and technology for enhancing the surface properties and characteristics of components from both metallic and advanced materials.

This special issue is a collection of the selected papers from the submissions to the International Conference on Surface Finishing Technology and Surface Engineering (ICSFT 2006) held in Dalian, China, from 24 to 27 September 2006. All the papers included in this special issue have gone through a rigorous peer-review and revision process for their originality and quality.

The topics covered in this special issue include:

- modelling and simulation of super-finish surfacing processes and mechanisms
- precision and ultra-precision grinding and finishing techniques for advanced materials
- advanced techniques/technologies and fundamental studies for enhancing component surface properties and characteristics
- super-finish surface topography and characterisation.

The Guest Editors would like to thank all the authors for their contributions and the referees for their constructive comments on the papers. Thanks are also due to the Editor-in-Chief of IJMPT, Dr. Mohammed Dorgham, and other staff in the IEL Editorial Office for their advice and help in making this special issue possible.