
Editorial

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Biographical notes: José Grácio is the Head of Centre for Mechanical Technology and Automation, University of Aveiro, Portugal (<http://tema.web.ua.pt/>). He has great experience in materials science engineering and nanotechnology. He is the Author or Co-author of over 165 papers of peer-reviewed scientific journals and has delivered more than 50 presentations at conferences worldwide. He is the Editor of two books, seven book chapters and also the Inventor of four patents.

Waqar Ahmed is the Chair of Nanotechnology and Advanced Manufacturing at the University of Central Lancashire. He is also the Director of Institute of Advanced Manufacturing and Innovation. His research interests include nanotechnology, nanomaterials and advanced digital manufacturing technologies. He has vast experience in publishing and has published widely in peer-reviewed journals and presented at international conferences. He has edited several books for leading publishers and is the Editor-in-Chief of several journals including *International Journal of Nanomanufacturing*, *International Journal of Nanoparticles* and *International Journal of Nano and Biomaterials*.

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Over the past few years, we have witnessed rapid advances in the field of nanotechnology on many fronts including electronics, energy and medicine. These advances have led to the availability of an array of technologies for potential applications that were not at our disposal just a few years ago.

It is with great pleasure, we present this special issue on advanced nanomaterials to the *International Journal of Nanomanufacturing*. This special issue features the papers

presented at the *Second International Conference on Advanced Nano Materials (ANM-2008)* held at University of Aveiro, Portugal. All the papers were peer-reviewed by experts in the field.

Whilst not inclusive of all research in this field, we feel that this issue provides a good general idea of the latest advances and applications in the field of nanotechnology. We would like to express our sincere thanks to the peer reviewers for this special issue. We also would like to thank Prof. Dr. Waqar Ahmed for providing valuable assistance during various phases of this special issue.