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## Editorial

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### Byung Rae Cho

Department of Industrial Engineering,  
Clemson University,  
Clemson, SC 29634, USA  
Fax: 864-656-0795  
E-mail: bcho@clemson.edu

**Biographical notes:** Byung Rae Cho is currently on the Faculty of Industrial Engineering at Clemson University. He received his MS in Industrial and Systems Engineering from the Ohio State University and his PhD in Industrial Engineering from the University of Oklahoma. He has published numerous articles in the fields of experimental design, quality engineering and optimisation, with particular focus on robust design and tolerance optimisation, as well as Six Sigma issues. He currently serves as an Editor-in-Chief of the *International Journal of Experimental Design and Process Optimization* and the *International Journal of Quality Engineering and Technology*.

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I am pleased to introduce this inaugural issue of the *International Journal of Experimental Design and Process Optimisation (IJEDPO)*. Our mission is simple – to enhance processes or systems by advancing the collective understanding of experimental design.

*IJEDPO* aims to publish original and contemporary research, having substantiated and well reasoned supporting evidence that shows good potential for advancing industrial practice and strengthening the current theoretical base. The journal provides an international forum for rapid publication of work describing the latest research and innovative applications of a broad coverage of applied experimental statistics and experimental design for understanding and enhancing systems in the physical, chemical, engineering sciences, and cross-disciplinary problems. While the journal encourages a broad spectrum of contribution in those fields, its core interest lies in issues concerning statistical modelling and optimisation for process improvement.

I would like to thank many people whose support and suggestions have made the birth of this new journal possible. I am most grateful to Dr. Mohammed Dorgham and Mr. Jim Corlett of Inderscience for their excellent professional support throughout the launch of this journal. I would also like to thank all the distinguished Editorial Board members who are renowned for their research in the field of experimental design for agreeing to serve on the board of *IJEDPO*.

Finally, the journal will strive to make important contributions with a depth of discussion and important practical underpinnings to the growth and future extension of experimental design and process improvement.