
Editorial

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Biographical notes: Siva Irulappasamy obtained his degree in Mechanical Engineering from MS University, Tirunelveli and Master's in Manufacturing Engineering from the Anna University, Chennai, Tamilnadu India. He obtained his PhD in Mechanical Engineering from the Kalasalingam University, Tamilnadu, India. He completed his post-doc training at the Federal University Rio Grande do Sul, RS/Brazil during 2014. His research interests include engineering materials, advanced composite structures, hybrid laminates, and machining of advanced structures. He received his BJT award from the CNPq, Brazil (Processo: 401.741/2013-3). He is presently working as a Professor in the Department of Mechanical Engineering at the Kalasalingam University, Anand Nagar, Krishnankoil-626126 Tamil Nadu, India.

Indo-Brazil bilateral international conference – ‘Advanced Materials and Manufacturing’ (ICAMM-15) – is being jointly conducted by the Department of Materials Engineering, Universidade Federal Rio Grande Do Sul (UFRGS), Porto Alegre, RS/Brazil with Department of Mechanical Engineering, Cape Institute of Technology, Levenjipuram, Tamilnadu India. Both the institutions tied together through an Indo-Brazil joint project (*Grant No.* INT/Brazil/P-11/2013 from DST, India and *Número do Processo:* 401074/2013-7 from CNPq, Brazil) and an Indo-Brazil Center for Composite Materials is established in Kalasalingam University as an outcome of this project. The joint centre is very keen to promote interdisciplinary and advanced research in engineering materials. Based on the project theme the joint conference is hosted in Cape Institute of Technology, Levenjipuram, Tamilnadu India during 27–28 March 2015. The objective of this joint event ‘INCAMM-15’ is to kindle interest and involvement in the minds of all the stakeholders towards research in various areas of mechanical engineering with special focus on advanced materials, manufacturing, materials for energy and other relevant fields. Among the 100 received articles, 70 were accepted for the oral presentation in the

conference. This special issue of *International Journal of Computer Aided Engineering and Technology* contains 16 papers that were presented in the joint international conference.

We sincerely thank all the authors who have contributed to this special issue. We acknowledge with appreciation and thanks the meticulous efforts of all the reviewers. Our profound thanks are due to Professor Yan Luo, Chief Editor, for the recognition of the published papers as effective tools for further advances and innovations in mechanical engineering.