

Mohamed Hamed

Biography

Dr. Hamed is a Professor of Mechanical Engineering and the Founding Director of the Thermal Processing Laboratory (TPL) at The Department of Mechanical Engineering, McMaster University, Canada. Dr. Hamed's research interests are in Transport Phenomena in Thermal Engineering Systems. His research involves laboratory-scale experiments and computational modelling of industry-related systems. His contributions were disseminated in more than 100 scientific publications. He has developed and taught several technical courses for practicing engineers in the Optimization of Energy Efficiencies in Industrial Processes, Advanced Energy Management, Renewable Energy Systems, and Heating, Ventilation and Air Conditioning Systems. He is a Registered Professional Engineer in the Province of Ontario, Canada and a Member of several professional societies such as CSME, ASME, ASM Heat Treating Society, SME, ASHRAE, and CFD Society of Canada, and the Editor-in-Chief of the Universal Journal of Mechanical Engineering and an Associate Editor and Editorial Board Member of many international journals: The International Journal of Microstructure and Materials Properties (IJMMP), The International Journal of Computational Thermal Sciences, Journal of Materials Performance and Characterization, the International Journal of Electronics Cooling and Thermal Control, and [Journal of Advanced Thermal Science Research](#), and a reviewer of several international journals and funding agencies.