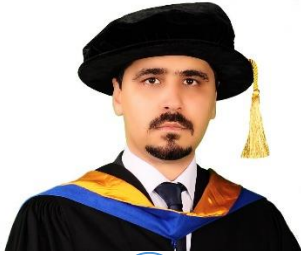


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Professor Bahman Meyghani is Professor of State in the school of material science and engineering in the Shandong University of China, Bachelor of engineering (mechanical engineering) Islamic Azad University and graduated with a Master's degree in mechanical engineering from the Islamic Azad University of Iran and earned the PhD degree in mechanical engineering from the Universiti Teknologi Petronas (UTP). Professor Bahman Meyghani is an Academic of the University of Shandong since 2018 and belongs to the Department of Materials sciences and engineering of the Faculty of engineering.

He has been conducting numerical modeling and the simulation of FSW by using finite element method since 2011. During his study period for PhD (2015-2018), He has completed his dissertation entitled "Thermomechanical analysis of friction stir welding (FSW) on flat and curved plates adapting calculated properties". It examines the use of a relatively new method for the FSW frictional studies (a novel method in order to calculate temperature-dependent values of the friction coefficient) and the improvement of welded joints (welding on complex geometries). So far He has published 20 papers as the first author and 5 as the co-author, including SCI and Scopus indexed journals. Moreover, for 3 Springer books I was considered as the coauthor. In addition, 4 more papers received the acceptance from ISI and SCI indexed journals and are waiting for the publication. During his postdoc period, he has done some experiments to check out the effect of tool tilt angle on the FSW process. Presently, He has also published a review paper in the "Chinese Journal of mechanical engineering". Some other papers are accepted in the "Material Science and Engineering Technology", and "Lecture Notes in Mechanical Engineering" journals.

Professor Bahman Meyghani has earned some awards including, ranked 4th among about 300,000 participants in the "Islamic Azad University Entrance Exam", B.S. degree, 2008, ranked 294th out of about 500,000 participants in the "Islamic Azad University Entrance Exam", Masters Degree, 2011, ranked 10th out of about 70 students of Mechanical Engineering (Manufacturing and Products), B.S. degree, Class of 2011, ranked 11th out of 180 students of Mechanical engineering (Manufacturing and Products), B.S. degree, 2008, ranked 2th out of about 70 students of Mechanical engineering (Manufacturing and Products), Masters Degree, 2011, Certificate of Excellence "Funding", Thursday 01 November 2018, Elsevier, Certificate of Excellence "Research data management", Saturday 03 November 2018, Elsevier, Certificate of Excellence "Research collaborations", Monday 05 November 2018, Elsevier, Certificate of the Best Paper Award in the 11th Curtin University Technology, Science and Engineering (CUTSE) International Conference, 26th -28th November 2018, Malaysia. Paper title "Development of a Finite Element Model for Thermal Analysis of Friction Stir Welding (FSW)", Award Winner "Accomplished Mechanical Engineering Department Post Graduate Student", December 2018, Selected Candidate for the "China International Post-Doctoral Exchange Program", December 2018, and Receiving the "On Time Graduation Award" from the centre for graduate studies of Universiti Teknologi Petronas (UTP), 15th November 2019.