ATABAK RAHİMZADEH ILKHECHİ

ASSISTANT PROFESSOR

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Education

Doctoral 2016 15/Şubat/2019	Universita Degli Studi di Roma La Sapienza/Mechanic Engineering Thesis name: Modeling and prediction of laser process using Artificial Neural Networks (ANNs) (2019) Thesis Advisor:(Prof. Annamaria Gisario)
Master (Thesis) 2011 8/Ağustos/2014	EASTERN MEDITERRANEAN UNIVERSITY->FACULTY OF ENGINEERING->DEPARTMENT OF MECHANICAL ENGINEERING->MECHANICAL ENGINEERING PR. (ENGLISH) (%50 SCHOLARSHIP) (2014) Thesis Advisor:(Assist. Prof. Dr. Ghulam Hussain)

Academic Title

ASSISTANT PROFESSOR 2019	GIRNE AMERICAN UNIVERSITY/MÜHENDİSLİK FAKÜLTESİ/MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ/MAKİNE MÜHENDİSLİĞİ PR. (İNGİLİZCE) (TAM BURSLU)
RESEARCH ASSISTANT 2017-2019	Universita Degli Studi di Roma La Sapienza/Mechanic Engineering/Engineering

Positions in Projects:

1. Search And Rescue UAV Study and Implementation, Research Project, Danışman:ATABAK RAHİMZADEHILKHECHİ, , 15/12/2020 (In Progress) (NATIONAL)

Administrative Position

Head of Department	GIRNE AMERICAN UNIVERSITY->FACULTY OF ENGINEERING->DEPARTMENT OF MECHANICAL ENGINEERING->MECHANICAL ENGINEERING PR. (ENGLISH) (FULL SCHOLARSHIP)/MÜHENDİSLİK FAKÜLTESİ/MAKİNE MÜHENDİSLİĞİ BÖLÜMÜ/MAKİNE MÜHENDİSLİĞİ PR. (İNGİLİZCE) (TAM BURSLU)

Awards

1. Project awarded Application of Artificial Neural Networks (ANNs) in Laser Welding Processing, 2018, DİĞER (KURUMLAR, HASTANELER VB.), ITALY, 2021
2. Study grant 2016 - 2019, University of Rome La Sapienza, November 2016, Italy, DİĞER (KURUMLAR, HASTANELER VB.), ITALY, 2021
3. Italian language founded from Sapienza university of Rome, Italy 2016, DİĞER (KURUMLAR, HASTANELER VB.), ITALY, 2021

4. Winner Scholarship (MIUR 2018), Ministry of Education, Universities and Research, Italy, 2018, DİĞER (KURUMLAR, HASTANELER VB.), ITALY, 2018

Works

Articles published in international refereed journals:

1. RAHİMZADEHILKHECHİ ATABAK, Ravichander Bharath Bhushan, Farhang Behzad, Moghaddam Narges Shayesteh, Mehrpouya Mehrshad (2021). A Prediction Model for Additive Manufacturing of Inconel 718 Superalloy. Applied Sciences, 11, Doi: 10.3390/app11178010 (Publication No: 7298353)
2. Mehrpouya Mehrshad, Gisario Annamaria, Nematollahi Mohammadreza, RAHİMZADEHILKHECHİ ATABAK, Safaei Keyvan, Elahinia Mohammad (2021). The prediction model for additively manufacturing of NiTiHf high-temperature shape memory alloy. Materials Today Communications, 26, Doi: 10.1016/j.mtcomm.2021.102022 (Publication No: 7298364)
3. RAHİMZADEHILKHECHİ ATABAK, Heidarzadeh Akbar, Mohammadzadeh Ahad, Moeini Ghazal (2020). Effect of friction stir welding heat input on the microstructure and tensile properties of Cu-Zn alloy containing disordered β phase. Journal of Materials Research and Technology, 9, Doi: 10.1016/j.jmrt.2020.08.010 (Publication No: 7298368)
4. Gisario Annamaria, Moghaddam Narges Shayesteh, RAHİMZADEHILKHECHİ ATABAK, De Bartolomeis Andrea, Barletta Massimiliano (2020). Prediction model for determining the optimum operational parameters in laser forming of fiber-reinforced composites. Advances in Manufacturing, 8, Doi: 10.1007/s40436-020-00304-3 (Publication No: 7298378)
5. Mehrpouya Mehrshad, Gisario Annamaria, RAHİMZADEHILKHECHİ ATABAK, Nematollahi Mohammadreza, Safaei Keyvan, Elahinia Mohammad (2019). A prediction model for finding the optimal laser parameters in additive manufacturing of NiTi shape memory alloy. The International Journal of Advanced Manufacturing Technology, 105, Doi: 10.1007/s00170-019-04596-z (Publication No: 7298386)
6. Mehrpouya Mehrshad, Gisario Annamaria, RAHİMZADEHILKHECHİ ATABAK, Barletta Massimiliano (2019). An artificial neural network model for laser transmission welding of biodegradable polyethylene terephthalate/polyethylene vinyl acetate (PET/PEVA) blends. The International Journal of Advanced Manufacturing Technology, 102, Doi: 10.1007/s00170-018-03259-9 (Publication No: 7298395)
7. Mehrpouya Mehrshad, Gisario Annamaria, RAHİMZADEHILKHECHİ ATABAK, Huang Hui, Elahinia Mohammad (2019). Numerical study for prediction of optimum operational parameters in laser welding of NiTi alloy. Optics & Laser Technology, 118, Doi: 10.1016/j.optlastec.2019.05.010 (Publication No: 7298401)
8. Heidarzadeh Akbar, VATANKHAH BARENJI REZA, Esmaily Mohsen, RAHİMZADEHILKHECHİ ATABAK (2015). Tensile Properties of Friction Stir Welds of AA 7020 Aluminum Alloy. Transactions of the Indian Institute of Metals, 68, Doi: 10.1007/s12666-014-0508-2 (Publication No: 7298410)
9. RAHİMZADEHILKHECHİ ATABAK, Soufi Ramin, HUSSAIN GHULAM, VATANKHAH BARENJI REZA, Heidarzadeh Akbar (2014). Establishing Mathematical Models to Predict Grain Size and Hardness of the Friction Stir-Welded AA 7020 Aluminum Alloy Joints. Metallurgical and Materials Transactions B, 46, Doi: 10.1007/s11663-014-0205-x (Publication No: 7298417)
10. Heidarzadeh Akbar, Emamy M., RAHİMZADEHILKHECHİ ATABAK, Soufi Ramin, Sohrabi Baba Heidary Damoon, Nasibi Sh. (2013). The Effect of Copper Addition on the Fluidity and Viscosity of an Al-Mg-Si Alloy. Journal of Materials Engineering and Performance, 23, Doi: 10.1007/s11665-013-0794-6 (Publication No: 7298427)

Certificate

440738 TÖMER, Türkçe Öğrenim, Araştırma ve Uygulama Merkezi, 2011, Certificate, 01.04.2011 -30.10.2011 (National)