

CURRICULUM VITAE

Name Surname: Süleyman BAŞTÜRK

Title: Asst.Prof.Dr.

Education:

Degree	Department	University	Year
B.S.	Mechanical Engineering	Istanbul Technical University	1993
M.S.	Mechanical Engineering	Middle East Technical University	1999
Ph.D.	Mechanical Engineering	Istanbul Technical University	2010

Assignments:

Title	Affiliation	Year
Instructor	Dept. of Aeronautics Eng. TuAFA	1999-2002
Vice Director	ASTIN, TuAFA	2004-2017
Vice Director	Graduate School of Science and Engineering, Altınbaş University	2017-Cont.

Publications

A. Journal Papers

- A1.** S. Basturk, F. Senbabaoglu, C. Islam, M. Erten, I. Lazoglu, T. Gulmez, "Titanium machining with new plasma boronized cutting tools", CIRP Annals - Manufacturing Technology, 59, (2010), 101–104. (SCIE)
- A2.** Süleyman Baştürk, Haydar Uyanık, Zafer Kazancı, "An analytical model for predicting the deflection of laminated basalt composite plates under dynamic loads", Composite Structures, 116 (2014), 273-285. (SCIE)
- A3.** Süleyman Baştürk, Haydar Uyanık, Zafer Kazancı, "Nonlinear damped vibrations of a hybrid laminated composite plate subjected to blast load", Procedia Engineering, 88 (2014), 18-25.
- A4.** Süleyman Baştürk, Haydar Uyanık, Zafer Kazancı, "Nonlinear Transient Response of Basalt/Nickel FGM Composite Plates under Blast Load", Procedia Engineering, Volume 167, 2016, Pages 30-38, <http://dx.doi.org/10.1016/j.proeng.2016.11.666>. (ISSN:1877-7058).
- A5.** Süleyman Baştürk, "The nonlinear dynamic response of functionally graded basalt/nickel composite plates", Mechanics of Advanced Materials and Structures, (2018), DOI: 10.1080/15376494.2018.1446109. (SCIE)

B. International Conference Papers

- B1.** Başaran, A., Varol, R., Pirge, G., Baştürk, S., Varol, H., "Bilyalı Dövme İşlemi ve Yüksek Sıcaklığın, Bakır İlaveli Toz Metal Çelik Parçaların Yorulma Dayanımına Etkisi". Syf. 242-252, 8. Uluslar Arası Kırılma Konferansı. 7-9 Kasım 2007. Yıldız Teknik Üniversitesi. İstanbul.
- B2.** Aydemir ARISOY, M.Kemal BAYRAKÇEKEN, Süleyman BASTÜRK, Metin GÖKAŞAN, O.Seta BOGOSYAN, "High order sliding mode control of a space robot manipulator," 5th International Conference on Recent Advances in Space Technologies (RAST 2011), pp.833-838, 9-11 June 2011, Istanbul, Turkey.

B3. Ali Başaran, Remzi Varol, Süleyman Baştürk, “Vakumda Sinterlenmiş, Bilyalı Dövülmüş ve Plazma Nitrokarbürleşmiş FC20205 Çeliğın Yorulma Dayanımının Araştırılması ”, 6th International Powder Metallurgy Conference&Exhibition (6IPMC), October 5-9, 2011, Middle East Technical University, Ankara, Turkey.

B4. Suleyman Basturk, Muzaffer Erten, Turgut Gulmez, Ali Basaran, “Micro Hardness Properties of Plasma Boronized WC Cutting Tools”, 14th International Conference on Advances in Materials and Processing Technologies-AMPT 2011, July 13-16, 2011, Istanbul, Turkey.

B5. Süleyman Baştürk, Sedat Süssler, Haydar Uyanık, Halit Süleyman Türkmen, Valentina Lopresto, Silvio Genna, Zafer Kazancı, “Experimental and Numerical Analysis of a Laminated Basalt Composite Plate Subjected to Blast Load” 20th International Conference on Composite Materials (ICCM20), 19-24 July 2015, Copenhagen, Denmark.

B6. E. Yakut, M.Suer, M.S.Uludağ, E.Bas, S. Turkoglu, A.R.Aslan, A.Hacıođlu, M.Çelebi, M.E.Aydemir, S.Basturk, A.Telli and S.Gökçebağ, “QB 50 – BeEagleSat Inner-Outer Design Details and ADCS Testing-Integration”, 7th European CubeSat Symposium, 9-11 September 2015, Liege, Belgium. (Abstract Pressed)

B7. Uğur Şimşir, Süleyman Baştürk, “Autonomous Mobile Abrasive Waterjet Cutting Vehicle”, The 17th International Conference on Machine Design and Production, July 12-15 2016, Bursa, Türkiye.

C. Editorship:

C1. Proceedings of IEEE 2nd International Conference on Recent Advances in Space Technologies-RAST2005, S.Kurnaz, F.İnce, S.Onbaşıođlu, S.Baştürk, 10-12 June 2005, Istanbul, Turkey

C2. Proceedings of IEEE 3rd International Conference on Recent Advances in Space Technologies-RAST2007, S.Kurnaz, F.İnce, S.Onbaşıođlu, S.Baştürk, 14-16 June 2007, Istanbul, Turkey

C3. Proceedings of IEEE 4th International Conference on Recent Advances in Space Technologies-RAST2009, S.Kurnaz, F.İnce, S.Onbaşıođlu, S.Baştürk, 11-13 June 2009, Istanbul, Turkey.

C4. Proceedings of IEEE 5th International Conference on Recent Advances in Space Technologies-RAST2011, M.İlarslan, F.İnce, O.Kaynak, S.Baştürk, , 09-11 June 2011, Istanbul, Turkey.

C5. Proceedings of IEEE 6th International Conference on Recent Advances in Space Technologies-RAST2013, M.İlarslan, F.İnce, O.Kaynak, S.Baştürk, , 12-14 June 2013, Istanbul, Turkey.

C6. Proceedings of IEEE 7th International Conference on Recent Advances in Space Technologies-RAST2015, A.Hacıođlu, F.İnce, O.Kaynak, M.F.Ünal, S.Baştürk, , 16-19 June 2015, Istanbul, Turkey.

C7. Proceedings of the International Workshop on Small Satellites, New Missions and New Technologies-SSW2008, S.Kurnaz, F.İnce, M.F.Unal, O.Kaynak, S.Basturk, 05-07 June 2008, Istanbul, Turkey

C8. Proceedings of the International Workshop on Unmanned Vehicles-UVW2010, Sefer Kurnaz, Fuat İnce, M. Fevzi Ünal, Okyay Kaynak, Süleyman Baştürk, Orhan Gözaydın, 10-12 June 2010, Istanbul, Turkey.

D. National Journal Papers:

D1. Süleyman Baştürk “Computer Aided Part Program Generation for a Laser Cutting Machine”, Journal of Naval Science and Engineering, Volume 5, Number 2, pp. 75-88, August 2009.

E. National Conference Papers:

E1. G. Pirge, A. Arısoy, S. Baştürk, S. Altıntaş, “NiMnGa Manyetik Şekil Hafızalı Malzemelerin Karakterizasyonu ve Performans Testleri için Test Tezgahı Tasarımı”, Havacılıkta İleri Teknolojiler ve Uygulamaları Sempozyumu, HİTEK 2004, 9-10 Aralık 2004.

E2. S.Baştürk, M.Erten, “Borlama İle Yüzey Sertleştirme Çalışmaları” , III. Makina Tasarım ve İmalat Teknolojileri Kongresi, MATİT 2005, Konya, 16–17 Eylül 2005, s.237–251.

E3. Süleyman Baştürk, Muzaffer Erten, Turgut Gülmez “Plazma (İyon) Borürlemenin Kesici Uçlar (Plaketler) Üzerindeki Etkisi” , V. Makina Tasarım ve İmalat Teknolojileri Kongresi, MATİT 2009, Konya, 17–18 Ekim 2009, s.23–32.

F. COURSES TAUGHT

F1. ME 211 Statics and Mechanics of Materials

F2. ME 212 Dynamics

F3. END 254 İmalat Teknikleri

F4. ME 331 Machine Design

F5. ME 457 Machining

F6. ME 521 Composite Materials

F7. ME 531 Machining Mechanics and Analysis