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## Eđitim

Doktora, Uçak Mühendisliği, İTÜ	1998
Yüksek Lisans, Uçak Mühendisliği, İTÜ	1992
Lisans, Uçak Mühendisliği, İTÜ	1988

## İş Deneyimi

Dekan, Uçak ve Uzay Bilimleri Fakültesi, İTÜ	2011-2012
Dekan Yardımcısı, Uçak ve Uzay Bilimleri Fakültesi, İTÜ	2007-2010
Öđretim Üyesi, Hava Harp Okulu	2009
Profesör, Uçak ve Uzay Bilimleri Fakültesi, İTÜ	2007
Doçent, Uçak ve Uzay Bilimleri Fakültesi, İTÜ	2000
Kısa Dönem Ziyaretçi Profesör, Shizuoka University, Japonya	2005
Kısa Dönem Ziyaretçi Profesör, Georgia Institute of Technology, ABD	2003
Yardımcı Doçent, Uçak ve Uzay Bilimleri Fakültesi, İTÜ	1998
Öđretim Üyesi ve Subay, Hava Harp Okulu	1999-2000
Eđitim Asistanı, Yokohama National University, Japan	1996-1997
On-job Trainee, Construcciones Aeronauticas, SA, İspanya	1993-1994
Araştırma Görevlisi, Uçak ve Uzay Bilimleri Fakültesi, İTÜ	1989-1998

## Hakemli Dergi Yayınları

- Misirlioglu, A., Thermally Developing Forced Convection inside Parallel Channel Filled with Non-Darcy Porous Medium, Journal of Porous Media, 10 (3), 311-317, 2007
- Misirlioglu, A., The Effect of Rotating Cylinder On the Heat Transfer in a Square Cavity Filled with Porous Medium, Int J Engineering Science, 44 (18-19), 1173-1187, 2006
- Misirlioglu, A., Baytas, A.C. and Pop, I., Free Convection in a Wavy Cavity Filled with Heat Generating Porous Media, Journal of Porous Media, 9 (3), 207-222, 2006
- Misirlioglu, A., Baytas, A.C. and Pop, I., Natural Convection inside an Inclined Wavy Enclosure Filled with a Porous Medium, Transport in Porous Media, (64), 229-246, 2006
- Misirlioglu, A. and Gulcat, U., Modified Displacement Ventilation of Rooms with Chilled Ceilings and Ceiling Mounted Devices, Int J Energy Research, (29), 767-779, 2005
- Misirlioglu, A., Baytas, A.C. and Pop, I., Free convection in a wavy cavity filled with a porous medium, International Journal of Heat and Mass Transfer, (48), 1840-1850, 2005
- Gulcat, U., Misirlioglu, A. and Aslan, A.R., 3-D viscous flow solutions about the bodies in relative motion, Int J Comput Fluid D 14: (1) 1-19, 2000
- Gulcat, U., Misirlioglu, A. and Aslan, A.R., 3-D Navier-Stokes solutions with moving-deforming finite elements, Communications in Numerical Methods in Engineering, Vol 13, pp. 273-284, 1997

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## Hakemli Konferans Bildirileri

- Durna, A.S., Celik, B. and Misirlioglu, A., Vortex Wake Formation and Its Effects on Thrust and Propulsive Efficiency of an Oscillating Airfoil , International Conference on Computational Fluid Dynamics, Paris, France, August 22-23, 2012
- Yilmaz, M.H., Durna, A.S. and Misirlioglu, A., Determination the Design Parameters and Optimum Variables of a Low Reynolds Number Quad Rotor Propeller, 6. Ankara International Aerospace Conference, METU, Ankara TURKEY, 14-16 September 2011
- Percin , M., Misirlioglu, A. and Unal, M.F., Flow Around and Forces Acting on a Plunging Airfoil in a Uniform Flow, The 5th International Conference of Vortex Flows and Vortex Models, Caserta, Italy, November 2010
- Karadeniz, E. and Misirlioglu, A., Flow Around A Pitching Airfoil In A Uniform Flow, Ankara International Aerospace Conference, Turkey, 2009
- Percin , M., Misirlioglu, A. and Unal, M.F., Flow Around A Plunging Airfoil In A Uniform Flow, Ankara International Aerospace Conference, Turkey, 2009
- Oguz, C. and Misirlioglu, A., Finite Element Approach To Plunging Airfoil Aerodynamics, Ankara International Aerospace Conference, Turkey, 2009
- Misirlioglu, A. and Gulcat, U., Separate Treatment of Momentum and Heat Flows in a Parallel Computational Environment, ParCFD-2007, Antalya, Turkey, May 21-24, 2007
- Pilevne, E. and Misirlioglu, A., Forced Convection in a Variable Section Axisymmetric Channel with Different Porous Layers and Heat Generation, Heat Transfer 2006, The New Forest, UK, 5-7 July 2006
- Caviş M., Arslan, E., Sorgüven, E and Misirlioglu, A. Aeroacoustic Noise Prediction of an Axial Fan in a Circular Duct with LES, Ankara International Aerospace Conference, METU, Ankara, Turkey, Aug 22-25, 2005
- Misirlioglu, A. and Gulcat, U., Modified Displacement Ventilation Of Rooms With Chilled Ceilings and Ceiling Mounted Devices, Fourth International Conference on Computational Heat and Mass Transfer, France, Paris-Cachan, May 17-20, 2005
- Misirlioglu, A., Baytas, A.C. and Pop, I., Numerical Investigation On Natural Convection Inside A Vertical Wavy Enclosure Filled With A Porous Medium, Fourth International Conference on Computational Heat and Mass Transfer, France, Paris-Cachan, May 17-20, 2005
- Celik, B., Edis F. O. and Misirlioglu, A., Analysis Of Synthetic Micro-Jets Using CBS Finite Element Method On Moving Deforming Grids, International Symposium on Transient Convective Heat and Mass Transfer in Single and Two Phase Flows, Çeşme, Turkey, August 17-22,2003
- Misirlioglu, A. and Gulcat, U, Low Energy Cooling Of Rooms With Displacement Ventilation, International Symposium on Transient Convective Heat and Mass Transfer in Single and Two Phase Flows, Çeşme, Turkey, August 17-22,2003
- Misirlioglu, A. and Gulcat, U, Moving-deforming grid solutions for flows about the bodies in relative motion, ECCOMAS CFD 2001, Swansea, Wales, UK, 4-7 September 2001
- Aslan, A.R., Gulcat, U, Edis, Misirlioglu, A. and F.O., Domain decomposition implementations for parallel solutions of 3-D Navier-Stokes equations, Parallel CFD&#8217;99, Williamsburg, Virginia, USA, 23-26 May 1999
- Aslan, A.R., Gulcat, U, Edis, F.O. and Misirlioglu, A., Fast and accurate parallel N-S solutions with pseudo-second-order finite elements, Parallel CFD Workshop, Experiences in Implementation, İstanbul, 1999
- Aslan, A.R., Edis, F.O., Gulcat, U, and Misirlioglu, A., Accurate incompressible N-S solution on cluster of work stations, Parallel CFD98, Hsinchu, Taiwan, May 11-14 1998
- Gulcat, U., Aslan, A.R. and Misirlioglu, A., Accurate CFD calculations using high order solutions to Navier-Stokes equations, 3rd European Fluid Dynamics Conference (ECCOMAS 96), Paris, France, September 9-13 1996
- Gulcat, U., Aslan, A.R. and Misirlioglu, A., A PCG/E-B-E iteration for higher order and fast solution of 3-D Navier-Stokes equations, AGARD FDP on Progress and Challenges in CFD Methods and Algorithms, Seville, Spain, September 1995

- Gulcat, U., Aslan, A.R. and Misirlioglu, A., Aerodynamics of fuselage and store- carriage interaction using CFD, AGARD FDP on Aerodynamics of Store Integration and Separation, April, Ankara,Turkey, 1995
- Unal, M.F., Yilmaz, A. and Misirlioglu, A., Effect of base bleed on the wake behind a flat plate with blunt trailing end: Viscous Discrete Vortex Method, Symposium of 10th Anniversary of Aeronautical Engineering Department, METU, Ankara, pp. 26-34, 1992
- Misirlioglu, A., Unal, M.F. and Bearman, P.W., Passive control of wake from a circular cylinder with a splitter plate, Proceedings of IUTAM Symposium on Bluff Body Wakes, Dynamics and Instabilities (Editors H. Eckelman, J.M.R. Graham and P.A. Monkewitz), pp. 77-80, Göttingen, Germany, 1992

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### **Verilen Lisans ve Yüksek Lisans Dersleri**

Aerodinamik  
Sıkıştırılabilir Aerodinamik  
Helikopter Teorisi  
Sayısal Yöntemler  
Sıkıştırılabilir Aerodinamik'te ileri Problemler  
İleri Mühendislik Matematiği  
Hesaplamalı Akışkanlar Dinamiği  
Mühendislikte Bilgisayar Uygulamaları  
Aerodinamikte Mühendislik Projeleri  
Döner Kanat Aerodinamiği

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### **Danışmanlık ve Profesyonel Etkinlikler**

TUSAŞ Havacılık Sanayii (TAI)  
Türk Motor Sanayi (TEI)  
TAV Havalimanları  
TÜBİTAK  
Sanayi Bakanlığı  
Savunma Sanayii Müsteşarlığı  
Türk Hava Yolları

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### **Hakemlik Yapılan Dergiler**

International Journal of Energy Research  
Journal of Porous media  
Transport in Porous Media  
Heat and Mass Transfer