Prof. Mehmet Şahin

Personal Information

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Education Information

Doctorate, Ecole Polytechnique Federale De Lausanne, Makina Mühendisliği, Switzerland 2001 - 2004
Post Graduate, Georgia Institute Of Technology, Uzay Mühendisliği, United States Of America 1999 - 2000
Under Graduate, İstanbul Teknik Üniversitesi, Uçak Ve Uzay Bilimleri Fakültesi, Uçak Mühendisliği Bölümü, Turkey 1990 - 1995
Undergraduate Double Major, İstanbul Teknik Üniversitesi, Fen-Edebiyat Fakültesi, Fizik Mühendisliği Bölümü, Turkey 1990 - 1995

Foreign Languages

English, C1 Advanced
Japanese, B1 Intermediate
French, B1 Intermediate

Dissertations

Doctorate, A numerical investigation using a novel finite volume method of some flow instabilities, Ecole Polytechnique Fédérale De Lausanne, Epfl (The Federal Institute Of Technology, Lausanne), Makina , Lmf-Ise-Fstı, 2004

Research Areas

Technical Sciences, Computer Sciences, algorithms, Parallel Algorithms, Software, Soft Computing, Mechanical Engineering, Energy, Fluid Mechanics, Aeronautical and Space Engineering, Space Engineering, Software, Numerical modeling

Academic Titles / Tasks

Associate Professor, İstanbul Teknik Üniversitesi, Uçak Ve Uzay Bilimleri Fakültesi, Uzay Mühendisliği Bölümü, 2011 - Continues
Assistant Professor, İstanbul Teknik Üniversitesi, Uçak Ve Uzay Bilimleri Fakültesi, 2009 - 2011

Refereed Congress / Symposium Publications in Proceedings

I. **Determination of rice plant morphology by stochastic optimization using X-band polsar data Çeltik bitki morfolojisinin x-band polsar verisi kullanilarak stokastik optimizasyon ile belirlenmesi**
YUZUGULLU O., Erten E., Şahin M., HAJNSEK I.
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Turkey, 2 - 05 May 2018, pp.1-4

II. **GPS measurements along the North Anatolian Fault zone on the mid-Anatolia segment**
Yavaşoğlu H. H. , Tarı E., Karaman H., Şahin M., BAYKAL O., Erden T., Bilgi S., RUZGAR G., INCE C. D. , ERGINTAV S., et al.
IAG Symposium on Geodetic Deformation Monitoring - From Geophysical to Engineering Roles, Jaen, Spain, 17 - 19 March 2005, vol.131, pp.166-171

Supported Projects

Şahin M., Akkurt S., Project Supported by Higher Education Institutions, Verimli Bir Kenar Merkezli Data Yapısı Kulanılarak Akış Çözücüsü Geliştrilmesi, 2017 - 2018

Şahin M., Project Supported by Higher Education Institutions, A Numerical Investigation of Two-Different Drosophila Forward Flight Modes, 2016 - 2018

Şahin M., Project Supported by Higher Education Institutions, An Arbitrary Lagrangian Eulerian (ALE) Framework for the Numerical Simulation of Multiphase Flow Problems, 2016 - 2018

Şahin M., Project Supported by Higher Education Institutions, DÜŞÜK REYNOLS SAYILARINDA SALINIM HAREKETİ YAPAN NACA0012 KANAT PROFİLİ ETRAFINDAKİ SİMETRİK OLMAYAN GİRDAP YAPILARININ SAYISAL DİREK SİMÜLASYONU, 2015 - 2018

Şahin M., Project Supported by Higher Education Institutions, A Parallel Monolithic Approach for Fluid-Structure Interaction in a Cerebral Aneurysm, 2014 - 2018

Şahin M., Project Supported by Higher Education Institutions, Tam Bağlaşıklı Olarak akışkan-Yapı Etkileşimi Problemlerinin Sayısal Olarak Modellenmesi, 2013 - 2018

Şahin M., Project Supported by Higher Education Institutions, Paralel Büyük Ölçekli viskoelastik Akışkan Karasızlıklarının Simülsyonu, 2012 - 2018

Şahin M., Project Supported by Higher Education Institutions, A STABLE UNSTRUCTURED FİNİTE VOLUME METHOD WİTH MULTİGRİD FOR PARALLEL LARGE SCALE INCOMPRESSİBLE VİSCOSOUS FLUİND FLOW COMPUTATİONS, 2010 - 2018

Şahin M., Project Supported by Higher Education Institutions, PARALLEL LARGE-SCALE COMPUTATION OF AN OLDROYD-B FLUID PAST A CANFIED CIRCULAR CYLINDER IN A RECTANGULAR CHANNEL USING AN UNSTRUCTURED FINITE VOLUME METHOD, 2010 - 2018

Citations

Total Citations (WOS):536
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