

Prof. Mehmet Şahin

Personal Information

Fax Phone: [+90 902 122 8531](tel:+909021228531)

Email: msahin@itu.edu.tr

Web: <http://web.itu.edu.tr/~msahin/>

Address: Astronautical Engineering Department, Faculty of Aeronautics and Astronautics, Istanbul Technical University, 3446 Maslak/İsatanbul, TURKEY

International Researcher IDs

ORCID: 0000-0001-6502-2209

ScopusID: 55074093400

Yoksis Researcher ID: 151913

Education Information

Doctorate, Ecole Polytechnique Federale De Lausanne, Makina Mühendisliği, Switzerland 2001 - 2004

Postgraduate, Georgia Institute of Technology, Uzay Mühendisliği, United States Of America 1999 - 2000

Undergraduate, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Uçak Mühendisliği Bölümü, Turkey 1990 - 1995

Undergraduate Double Major, Istanbul Technical University, 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-Fstü, 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, Istanbul Technical University, Uçak Ve Uzay Bilimleri Fakültesi, Uzay Mühendisliği Bölümü, 2011 - Continues

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 kullanılarak 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 Kullanılarak Akış Çözücüsü Geliştirilmesi, 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 REYNOLDS 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 Simülasyonu, 2012 - 2018
- Şahin M., Project Supported by Higher Education Institutions, A STABLE UNSTRUCTURED FİNİTE VOLUME METHOD WITH MULTİGRİD FOR PARALLEL LARGE SCALE INCOMPRESSİBLE VİSCOUS FLUİD 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

Metrics

- Publication: 69
Citation (WoS): 536
Citation (Scopus): 617
H-Index (WoS): 12
H-Index (Scopus): 12