

Prof. Yakup Erhan Böke

Personal Information

Office Phone: [+90 212 252 9587](tel:+902122529587)

Fax Phone: [+90 212 252 9587](tel:+902122529587)

Email: boke@itu.edu.tr

Web: <http://akademi.itu.edu.tr/boke/>

Address: İTÜ Makina Fakültesi İnönü Cad. No:65 Gümüşsuyu Beyoğlu 34437 İstanbul

Biography

He was born in 1962 in İstanbul. He completed Yıldız Technical University, Mechanical Engineering Department, Department of Mechanical Engineering completed the Department of Energy 1983. He graduated at İstanbul Technical University in 1985. He took his doctorate title in 1993 at same University. Between 1990 and 1992 he worked as guest researcher at Clausthal Technical University. He worked as Research Assistant at İstanbul Technical University, Faculty of Mechanical, between 1984 and 1994 and as Assist.Prof.Dr. between 1994-2013. Since 2013 He was Assoc.Prof.Dr. at the same university. He works on combustion, steam boilers, CFD and heat technology.

Education Information

Doctorate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 1986 - 1993

Post Graduate, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 1983 - 1985

Under Graduate, Yıldız Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, Turkey 1979 - 1983

Foreign Languages

German, B1 Intermediate

English, B2 Upper Intermediate

Dissertations

Doctorate, Altın Beslemeli Sabit Yatakta Kömür Yanması, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 1993

Post Graduate, Sentetik Zeolitte Desorpsiyon ve Adsorpsiyon Olayının İncelenmesi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, 1985

Research Areas

Technical Sciences, Mechanical Engineering, Energy, Alternative Energy Resources, Thermodynamics, Fuels and Combustion, Computational fluid dynamics, Thermal Systems

Academic Titles / Tasks

Professor, İstanbul Teknik Üniversitesi, Makina, Makina Mühendisliği, 2018 - Continues
Associate Professor, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, 2013 - 2018
Assistant Professor, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, 1994 - 2013
Research Assistant, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, 1984 - 1994
Research Assistant, Technische Universitaet Clausthal, Energieverfahrenstechnik, Energieverfahrenstechnik, 1990 - 1992

Professional Experience

Fakülte Akademik Kurul Üyesi, İstanbul Teknik Üniversitesi, Fenbilimleri Enstitüsü, Doktora Programı, 2016 - Continues
Fakülte Akademik Kurul Üyesi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Isı Akışkan Yüksek Lisans Programı, 2015 - Continues

Courses

Yanma Esasları, Post Graduate, 2017 - 2018
Termodinamik II Bahar, Under Graduate, 2016 - 2017, 2017 - 2018
Uygulamalı Termodinamik, Under Graduate, 2017 - 2018

Supported Projects

Böke Y. E., Project Supported by Higher Education Institutions, Tunçbilek Termik Santralinin 4. Ünite Kazanındaki Alev Oluşumunun CFD Analizi, 2014 - 2018
Böke Y. E., Project Supported by Higher Education Institutions, Duman Yayılımının Sayısal Modellenmesi, 2011 - 2018
Böke Y. E., Project Supported by Higher Education Institutions, Havalandırılan Kapalı bir Hacimde Hava Dağılım Karakteristiklerinin Tayini, 2004 - 2006
Böke Y. E., Project Supported by Higher Education Institutions, Doğal Gazın Yanması ve Oluşan Emisyonlar, 1999 - 2000
Böke Y. E., Project Supported by Higher Education Institutions, Üzerinde Hava Akımı Olan, Yatay Yakıt Yatağındaki Alevsiz Yanmanın İncelenmesi, 1997 - 1998

Activities in Scientific Journals

İTÜ Dergi D, Committee Member, 2011 - 2014

Memberships / Tasks in Scientific Organizations

Üniversite ve Sanayi İşbirliği Komisyonu, Member, 2012 - Continues

Scientific Refereeing

Applied Energy, SCI Journal, November 2017
Applied Energy, SCI Journal, November 2017
Applied Energy, SCI Journal, June 2017
Gazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, National Scientific Refreed Journal, March 2017
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi'ne , National Scientific Refreed Journal, November 2016
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi , National Scientific Refreed Journal, October 2016

Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, October 2016
Uludağ Üniversitesi Mühendislik Fakültesi Dergisi , National Scientific Refreed Journal, September 2016
Applied Energy, SCI Journal, June 2016
Project Supported by Higher Education Institutions, March 2016
Muğla Journal of Science and Technology, National Scientific Refreed Journal, December 2015
Project Supported by Higher Education Institutions, December 2015
Energy Sources Part A, SCI Journal, November 2013
Fuel, SCI Journal, March 2013
Fuel, SCI Journal, August 2012
Energy Sources Part A, SCI Journal, January 2012
Energy Sources Part A, SCI Journal, May 2011
Energy Sources Part A, SCI Journal, October 2010
Energy Sources Part A, SCI Journal, June 2010

Scientific Consultations

Turaş Gaz Armatürleri San. Ve Tic. A.Ş., Scientific Consultancy, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, Turkey, 2011 - 2012

Citations

Total Citations (WOS):31

h-index (WOS):3