

## **Prof. Yakup Erhan Böke**

### **Personal Information**

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### **International Researcher IDs**

ORCID: 0000-0003-0449-0329

ScopusID: 26633443400

Yoksis Researcher ID: 151709

### **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 Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 1986 - 1993

Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Makine Mühendisliği Anabilim Dalı, Turkey 1983 - 1985

Undergraduate, Yıldız Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği Bölümü, Turkey 1979 - 1983

### **Foreign Languages**

German, B1 Intermediate

English, B2 Upper Intermediate

### **Dissertations**

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

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

## **Academic and Administrative Experience**

İstanbul Teknik Üniversitesi, Fenbilimleri Enstitüsü, Doktora Programı, 2016 - Continues  
İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, İSİ Akışkan Yüksek Lisans Programı, 2015 - Continues

## **Courses**

Yanma Esasları, Postgraduate, 2017 - 2018  
Termodinamik II Bahar, Undergraduate, 2017 - 2018, 2016 - 2017  
Uygulamalı Termodinamik, Undergraduate, 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 Yayılmının Sayısal Modellenmesi, 2011 - 2018  
Böke Y. E., Project Supported by Higher Education Institutions, Havalanırılan 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

Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, National Scientific Refreed Journal, October 2016

Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü 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, Istanbul Technical University, Makine Fakültesi, Makine Mühendisliği Bölümü, Turkey, 2011 - 2012

## Metrics

Publication: 108

Citation (WoS): 33

Citation (Scopus): 52

H-Index (WoS): 4

H-Index (Scopus): 5

## Non Academic Experience

Clausthal Teknik Üniversitesi