

Vita

Vahid Esfahanian



Address

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Current Position

Director/Manager: Vehicle, Fuel and Environment Research Institute, University of Tehran

Professional Appointments

- Assistant Professor, University of Tehran, Mechanical Department, 1993 – 2002
- Associate Professor, University of Tehran, Mechanical Department, 2002 – 2008
- Professor, University of Tehran, Mechanical Department, 2008 – present

Awards

- Gold Medal of UNESCO for Fundamental Science, April 2002
- Khwarizmi First Award in Applied Research, 15th Khwarizmi International Award, Feb. 2002
- Khwarizmi Third Award in Applied Research, 19th Khwarizmi International Award, Feb. 2005
- Dr. Taghi Ebtekar's prize, 2008
- Best Technology award for first Hybrid Electrical Bus in Middle East, 2011.

Teaching

Fluid Mechanics I, Fluid Mechanics II, Internal Combustion Engines, Gas Dynamics, Incompressible Aerodynamics, Supersonic Aerodynamics, Turbulence, Computational Fluid Dynamics I, Computational Fluid Dynamics II, Numerical Weather Prediction, Grid Generation, Advanced Internal Combustion Engines, Advanced Fluid Mechanics

Publications

- 205 Published Conference Papers and 52 Published Journal Papers
- 2 Published Book in Persian (CNG Fueling Stations, Fluid Mechanics)

Conference Organization

- Chairman of the First Conference on Natural Gas Vehicles and Alternative Fuel (CNG), 16 May 2004, Tehran, Iran
- Member of the Scientific Committee of the Fluid Dynamics Conference of Iran, 1994-present
- Chairman of the 17th. Annual (International) Conference on Mechanical Engineering (ISME2009), 19-21 May 2009, Tehran, Iran

Research Projects

More Than 50 Industrial and Scientific Research Projects, 1992 – present