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EDUCATION

- Ph.D.** Aeronautical and Astronautical Engineering, 5/1995
University of Illinois at Urbana-Champaign, USA
- M.S.** Aeronautical and Astronautical Engineering, 10/1989
University of Illinois at Urbana-Champaign, USA
- B.S.** Mechanical Engineering, 6/1982
Black Sea Technical University, Trabzon, Turkey

SCHOLARSHIP

- TÜBİTAK-2219 Visiting Scholar Program, University of Michigan, Ann Arbor, 6/2018
- Fulbright Visiting Scholar Program, University of Michigan, Ann Arbor, 9/2017
<https://www.cies.org/grantee/sinan-eyi>
- The Turkish Ministry of Education Scholarship for MS and PhD degrees, University of Illinois at Urbana-Champaign, 7/1985

HONOR

- Among top twenty percent of engineering faculty, METU, Turkey, 06/2016
- Member of Phi-Kappa-Phi Honor Society, USA, 11/1993

EMPLOYMENT

- Professor, 10/2019 -
Aerospace Engineering
Middle East Technical University, Ankara Turkey
- Associate Professor, 10/1997 – 10/2019
Aerospace Engineering
Middle East Technical University, Ankara Turkey
- Visiting Professor, 9/2017 – 10/2018
Aerospace Engineering
University of Michigan, Ann Arbor, USA
- Assistant Professor, 9/1996 - 10/1997
Aerospace Engineering
Middle East Technical University, Ankara Turkey
- Post-doctoral Research Associate, 6/1995 - 8/1996
Aeronautical and Astronautical Engineering
University of Illinois at Urbana-Champaign, USA
- Graduate Research Assistant, 1/1990 - 5/1995
Aeronautical and Astronautical Engineering
University of Illinois at Urbana-Champaign, USA

ADMISTRATIVE EXPERIENCE

- Assistant Chairman, 10/1997 - 1/2001
Aeronautical Engineering
Middle East Technical University, Ankara Turkey

TEACHING EXPERIENCE

- Undergraduate courses: Thermodynamics, Fluid Mechanics, Heat Transfer, Propulsion, Hypersonic Flow and Computational Fluid Dynamics
- Graduate courses: Advanced Computational Fluid Dynamics

PROJECTS

- TÜBİTAK (The Scientific and Technological Research Council of Turkey) 1001-123M355, "Developing Flow Analysis and Design Optimization Software for Launchpads", Principal Investigator.
- TÜBİTAK (The Scientific and Technological Research Council of Turkey) 1001-112M129, "Multidisciplinary Analysis and Design Optimization in Hypersonic Flows", Principal Investigator, 2012.
- TÜBİTAK (The Scientific and Technological Research Council of Turkey) 1001-109M059, "Aerodynamic and Aerothermodynamic Design Optimization of Rockets", Principal Investigator, 2009.
- Middle East Technical University, BAP-03-13-2015-001, "Design Optimization in Chemically Reacting Aerothermodynamic Flows using the Jacobian-Free Newton-Krylov (JFNK) and Adjoint Methods", Principal Investigator, 2015.
- Middle East Technical University, BAP-03-13-2011-003, "Adjoint Design Optimization in Structured and Multi-Block Grid Systems", Principal Investigator, 2011.
- Middle East Technical University, AFP-2000-03-13-01, "Aerodynamic Design Optimization using the Navier-Stokes Equations and Parallel Computers", Principal Investigator, 2000.

MEMBERSHIP

- American Institute of Aeronautics and Astronautics (Associate Member)