



Yusuf TUNÇAY

Personal Information

Email: ytuncay83@hotmail.com
 Address: Şişli / İstanbul
 Profession / Academic Title: Lecturer
 Date / Place of Birth / Citizenship: 20/06/1983, İzmir, TURKEY
 Military Service / Driving License: Fulfilled, May 2011 / Class B, September 2002

Academic Information

Researcher ID: 234877 / yusuf.tuncay@kemerburgaz.edu.tr / yusuf.tuncay@altinbas.edu.tr
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 Academic System Profile: <https://akademik.yok.gov.tr/AkademikArama/AkademisyenGorevOgrenimBilgileri?islem=direct&authorId=966F45E8DE0C8572>
 Field of Study / Keywords: Mechanical Engineering / Machine Theory and Dynamics, Mechanical Vibrations, Mechanics of Solid Bodies, Computer-assisted Design
 My Orcid ID QR Code:

**Education**

High School: İzmir Atatürk Anadolu Lisesi, İzmir - Turkey (1998-2001)
 Bachelor's Degree: Dokuz Eylül University, Mechanical Engineering, İzmir – Turkey (2001-2005)
 Title of the undergraduate thesis: “Air-Conditioning of a Hospital”
 Master (with thesis): Boğaziçi University, İstanbul – Turkey (Fluid Mechanics & Thermal Sciences, 2006 – 2009)
 Title of the M.Sc. thesis: “Application of Radial Basis Functions Method to Advection-Diffusion and Viscoelastic Flow Problems”. Council of Higher Education-Thesis Center, Thesis No:245853
 Doctoral: Yıldız Technical University, İstanbul – Turkey (Machine Theory and Control, 2016- ...)

Languages

Turkish: Native
 English: Fluent
 German: Beginner, B.1.2 (German Language Course at Galatasaray University, İstanbul)

Academic Experience

Lecturer: 2014-... @ **Altınbaş University**, Faculty of Engineering and Natural Sciences, Department of Mechanical Engineering, İstanbul-Turkey
 Academic Consultant: 2016-... Course registration, course transfer procedures
 Internship Coordinator: 2016-... Internship process, evaluation of reports

Courses taught:

Language of Instruction: English

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|-----------|---|
| 2020-2021 | ME114, ME322, ME213, ME312, ME470 |
| 2019-2020 | END258, ME341, IE258, ME470, ME312, ME220, ME114, ME200, ME322, ME213 |
| 2018-2019 | IE258, ME220, ME470, ME312, ME200, ME322, END254, ME114, ME341 |
| 2017-2018 | ME312, ME322, IE258, ME200, END254, ME114, ME220, ME341 |
| 2016-2017 | ME312, ME211, ME200, ME220, IE258, ME341, ME322 |
| 2015-2016 | ME200, ME222, IE242, ME343, CE101, CE110 |
| 2014-2015 | ME200, ME222, ME242, CE101, ME201 |

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|--|---|
| ME114, ME200 | Technical Drawing and Design (AutoCAD) |
| ME222, ME220 | Engineering Materials Laboratory |
| ME242, ME341, ME343, IE242, IE258, END258, END254, IE254 | Manufacturing Processes Laboratory |
| CE101 | Computer Programming I (C+) |
| ME201, ME118 | Thermodynamics I |
| CE110 | Computer Skills |
| ME312 | Theory of Machines |
| ME211, ME209, ME216 | Statics and Mechanics of Materials |
| ME322 | Mechanical Engineering Systems Laboratory |
| ME470 | Computer Based Modeling and Simulations |
| ME213 | Mechanical Engineering Drawing (Solidworks) |

Projects

Research
Research
Ministry of Industry
TÜBİTAK – Funded Research Project

Micro-Nano Scale Fluid Flow Analysis, Boğaziçi University
Heat Conduction in Micro-Nano Structured Materials, Boğaziçi University
UNIDO-ICHET - Hydrogen Energy Technologies Research and R&D Projects
“Drag reduction in turbulent flows by polymer additives over circle cross section and square cross section cylinders”

Non-Academic Experience / Workplace

Research Engineer

Standards and Product Certification Engineer,
R&D Engineer

Unido-ICHET, United Nations Industrial Development Organization, International Centre of Hydrogen Energy Technologies, 2008-2009

Arçelik-LG Klima Sanayi ve Ticaret A.Ş., Joint Venture Company, Gebze/Kocaeli-Turkey, Air-Conditioner Production, 2011-2014

Position: Following Up and Application of the Standards, Regulations and Directives; Eco-Friendly Product Design Management; Energy Efficiency and Product Performance Standards, LVD Electrical Safety & EMC Regulations and Certifications Process; REACH & RoHS Standards Management; Product Liability Audit; Product Project Leader, TSE (Turkish Standards Institute) Certification Process

Awards / Fellowships / Patents

ALARKO
TÜBİTAK
TEV

Graduate Degree Support, 2006-2008, 2 Years
Tubitak Scientific Research Project, 2008 - 2009
Turkish Educational Foundation, Doctoral Level Scholarship, 2009-2010

Sports / Cultural / Arts Activities

Kickboxing
Rowing
Swimming, Fitness
Economic Travelling, Cultural Trips
Turkish Classical Music Chorus Member

2020-...
2017-...
2005-...
2012-...
2000-2013, Dokuz Eylül University Rectorate Chorus, Boğaziçi University TMK