

Curriculum Vitae
Kenan ŞENTÜRK Ph.D.

1. Education:

- a. BSc:** Marmara University, Faculty of Arts and Sciences, Physics Department, 1999
- b. MSc:** Istanbul Technical University , Nuclear Energy Institute , Nuclear Energy, 2003
- c. Ph.D:** Yeditepe University, Graduate School of Natural and Applied Sciences, Physics Department, 2011

2. Academic Experience:

- a.** Research Assistant, Yeditepe University, Faculty of Arts and Sciences, Physics Department 2000-2011
- b.** Assistant Professor Doctor, Beykent University, Faculty of Engineering and Architecture, Energy Systems Engineering Department, 2011-2018
- c.** Assistant Professor Doctor, Istanbul Gelisim University, Faculty of Engineering and Architecture, Mechatronics Engineering Department, 2018-...

3. Non-Academic Experience:

MOTEK Computer Company , Responsible Technical Service (1998-1999)

Position: Technical service and remote support (Part Time)

Work Description: Technical support for computer and networking

Duration: 1,5 year

SIMTEL Company , Responsible Technical Service (1993)

Position: Intern

Work Description: Technical support for TV devices

Duration: 10 weeks

VESTEL Company , Responsible Technical Service (1992)

Position: Intern

Work Description: Technical support for TV devices

Duration: 8 weeks

4. Certifications or professional registrations:

Fellow of The Higher Education Academy

in recognition of attainment against the UK Professional Standards Framework for teaching and learning support in higher education. Recognition reference: PR108996 Date of recognition 13/09/2016

5. Current membership in professional organizations:

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6. Honors and awards:

- 5th position in the line following robots race in METU, 2007 (Mechanical design and construction responsible in the team)

- 3rd position in the national solar car race, 2005 (Mechanical design and construction responsible in the team)
- Young Researcher Fund Support from International Center for Theoretical Physics, Trieste, Italy, 2004.
- Young Researcher Fund Support from International Center for Theoretical Physics, Trieste, Italy, 2003.
- The 3rd Best Graduated Student from Marmara University, Physics Department in 1999.
- The Best Graduated Student from Beyoğlu Technical High School in 1995.

7. Service activities:

- Head of Mechatronics Engineering Department, 2021-...
- Institutional Representative for ABET Accreditation, 2020-...

8. Important publications (at most 5 titles):

- Effect of Mg doping on morphology, photocatalytic activity and related biological properties of Zn_{1-x}Mg_xO nanoparticles. Yalçın Bestenur, Akcan Doğan, Yalçın İbrahim Ertuğrul, Alphan Mehmet Can, **Şentürk Kenan**, Özyiğit İbrahim İlker, Arda Lütfi (2020). Turkish Journal of Chemistry, 1177-1199., doi: 10.3906/kim-2004-9
- An investigation into the biocidal effect of high voltage AC/DC atmospheric corona discharges on bacteria, yeasts, fungi and algae, M. Korachi, Z. Turan, **K. Şentürk**, F. Şahin, N. Aslan (2009) *Journal of Electrostatics* p.1 – 8.
- Numerical solutions of liquid metal flows by incompressible magneto-hydrodynamics with heat transfer, **Kenan Şentürk**, Massimo Tassarotto, Necdet Aslan INTERNATIONAL JOURNAL FOR NUMERICAL METHODS IN FLUIDS *Int. J. Numer. Meth. Fluids* 2009; 60:1200–1221
- Investigation of antimicrobial activity and morphological properties of metal coated textile surfaces, Necdet Aslan, **Kenan Şentürk**, Tuba Şen, Turgay

Çoruhlu, et.al Problems of Atomic Science&Technology. 2014, No 6, Series:Plasma Physics (20), p. 208-211.

- 2017 ICG Annual Meeting & 32nd Şişecam Glass Symposium, October 22-25, 2017. The Observation of Surface Plasmon Resonance Effect in ITO-Titanium-ITO Multilayer Films on Thin Glass Prepared by Magnetron Sputtering, Turgay Çoruhlu , Necdet Aslan ,Tuba Şen, **Kenan Şentürk** , Rainer Lilischkis , Peter Pokrowsky

9. Most recent professional development activities:

- 17 -26.08.2020
Train the Trainer
Place: Istanbul Gelisim University, Avcılar, Istanbul
- 13-19.05.2020
Procedures and Principles of Occupational Health and Safety,
Employees' Occupational Health and Safety Training,
Place: Istanbul Gelisim University,
- 14-18.08.2017
Solar Schule DGS, Basics and Mounting of Photovoltaic Systems
Place: Çataklı Enerji Eğitim Yayıncılık Danışmanlık ve Tic. Ltd. Şti,
Pendik, Istanbul
- 04-07.04.2016
Higher Education Academy Training Workshop
Place: Beykent University, Taksim Campus, Istanbul, Turkey
- 04-08.06.2012
Introduction to SAP, SAP University Alliances
Place: Kemerburgaz University, Istanbul, Turkey
- 09-16.09.2011
ISMFA-International School on Magnetohydrodynamics and Fusion
Applications
Place: Institute of Theoretical and Applied Physics, Marmaris, Turkey
- 08-10.02.2011
A Mini Course on Microtechnology
Place: Yeditepe University, Istanbul, Turkey