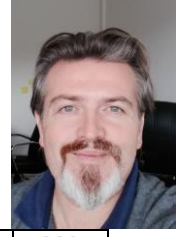


## ÖZGEÇMİŞ

1. **Adı Soyadı:** Kenan ŞENTÜRK
2. **Doğum Tarihi:** 19.11.1976
3. **Unvanı:** Dr. Öğr. Üyesi
4. **Öğrenim Durumu:**



Derece	Alan	Üniversite	Yıl
Lisans	FİZİK	Marmara Üniversitesi	1999
Y. Lisans	NÜKLEER ENERJİ	İstanbul Teknik Üniversitesi	2003
Doktora	FİZİK	Yeditepe Üniversitesi	2011

### 5. Akademik Unvanlar:

**Yardımcı Doçentlik Tarihi :** 2011  
**Doçentlik Tarihi :** -  
**Profesörlük Tarihi :** -

### 6. Yönetilen Yüksek Lisans ve Doktora Tezleri

#### 6.1. Yüksek Lisans Tezleri : -

- Alper Hamza Kirişçi, Okmeydanı Kentsel Dönüşüm Projesinin Fotovoltaik Sistemler Açısından İncelenmesi (2017), Beykent Üniversitesi, Fen Bilimleri Enstitüsü
- Buket Küyük, Genetik Algoritma Kullanılarak Rüzgar Türbinleri İçin Mikrokonumlandırma (2018) , Beykent Üniversitesi, Fen Bilimleri Enstitüsü (Eş Danışman)
- Nurhan Hedef, Güneş Enerjisi Çatı Uygulamaları İçin Bir Matematiksel Model Önerisi (2018) , Beykent Üniversitesi, Fen Bilimleri Enstitüsü (Eş Danışman)

#### 6.2. Doktora Tezleri : -

### 7. Yayınlar

#### 7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)

- 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
- 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 and Technology. 2014, No 6, Series: Plasma Physics (20), p. 208-211.
- 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

## 7.2. Uluslararası diğerk hakemli dergilerde yayınlanan makaleler

- Investigation on surface, electrical and optical properties of ITO-Ag-ITO coated glass, Necdet Aslan, Tuba Ően, Turgay oruhlu, **Kenan Sentürk**, Sinan Keskin, Sedat Őeker, Andrey Dobrovolskiy, Problems of Atomic Science and Technology. 2015, No.1, Series: Plasma Physics (21), p. 256-258.

## 7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (*Proceedings*) basılan bildiriler

- IWOPA 2021, 3<sup>rd</sup> International Workshop on Plasma Agriculture Greifswald, Germany March 01 – 03, 2021, Effects of Cold Plasma Treatment on Seed Germination and Seedling Growth Of Turkish Tea, T. oruhlu, E. E. Akkaya, **Kenan Sentürk**, T. Ően
- The 1st International ŐiŐli Science Congress 24-25 October 2019, Plasma Agriculture: Opportunities and Suggestions for Turkey, Turgay oruhlu, Ergun Eray Akkaya, Tuba Ően, **Kenan Sentürk**
- The 1st International ŐiŐli Science Congress 24-25 October 2019, Silver and Copper Thin Films Coated by Magnetron Sputtering Method, Tuba Ően Gũrcan Oraltay, **Kenan Sentürk**, Turgay oruhlu, Necdet Aslan
- International Conference on Condensed Matter and Materials Science, ICCMMS-2019, 14-19 October 2019, Adana, Turkey, Preparation and Characterization of Mg/B co-doped ZnO Nanoparticles, **Kenan Senturk**, Lutfi Arda
- International Conference on Condensed Matter and Materials Science, ICCMMS-2019, 14-19 October 2019, Adana, Turkey, Structural, optical and magnetic properties of Cu/Ni co-doped ZnO Films, Ali Gungor, Dogan Akcan, Bestenur Yalcin, **Kenan Senturk**, Ibrahim Ertugrul Yalcin, Mehmet Can Alphan, Lutfi Arda
- International Conference on Condensed Matter and Materials Science, ICCMMS-2019, 14-19 October 2019, Adana, Turkey, Structure, Optical and Biological Properties Of Mn-Doped Zno Nanoparticles, Mehmet Can Alphan, Bestenur Yalcin, **Kenan Senturk**, Ibrahim Ertugrul Yalcin, Dogan Akcan, Lutfi Arda
- International Conference on Condensed Matter and Materials Science, ICCMMS-2019, 14-19 October 2019, Adana, Turkey, Preparation, Growth, And Optical Properties Of (Cu/Co) Co-Doped Zno Thin Films, Dogan Akcan, Bestenur Yalcin, **Kenan Senturk**, Ibrahim Ertugrul Yalcin, Mehmet Can Alphan, Adil Guler, Cihat Boyraz, Lutfi Arda
- ICG Annual Meeting & 32nd ŐiŐecam 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 oruhlu, Necdet Aslan, Tuba Ően, **Kenan Sentürk**, Rainer Lisichkis, Peter Pokrowsky

- Application of Photovoltaic Systems on Urban Regeneration Projects, **Kenan Sentürk** , Hamza Alper Kirişçi , Ümit Işıkdag, Intelligent Infrastructures for Sustainable and Resilient Future Energy Systems 24-27 May 2017, Istanbul, Turkey
- Surface Properties of Antibacterial Textiles Deposited by Silver and Copper, Tuba Şen, Fatma Özen, **Kenan Şenturk**, Turgay Coruhlu, Necdet Aslan, May Korachi, International Conference on Electrical Discharges with Liquids (ICEDL 2016), COST TD1208 3<sup>th</sup> Annual meeting “Electrical discharges with liquids for future applications,” Kocaeli, 13<sup>th</sup>-17<sup>th</sup> March 2016
- Obtaining useful properties of different materials by using magnetron sputtering, Kenan Senturk , Tuba Sen , Turgay Coruhlu , Ipek Varturk , May Korachi , Necdet Aslan, 2015 IEEE International Conference on Plasma Sciences (ICOPS), 24-28 May 2015
- Antibacterial surface modification for medical purposes by magnetron sputtering and plasma torch systems, Necdet Aslan, May Korachi, **Kenan Senturk** , Turgay Coruhlu , Tuba Sen , Sedat Şeker, İpek Vartürk, NANOTR-10, 17-21 June, 2014, Yeditepe University, İstanbul
- Synthesis and characterization of ITO-Titanium-ITO trilayers prepared by DC magnetron sputtering, T. Çoruhlu, N. Aslan, T. Şen, G. Gürsoy, **K. Şentürk**, D. Cassell, R. Lilischkis, P. Pokrowsky, NANOTR-10, 17-21 June, 2014, Yeditepe University, İstanbul
- Antibacterial properties of textiles coated by magnetron sputtering method, Necdet Aslan, May Korachi, Tuba Şen, Turgay Çoruhlu, **Kenan Şentürk**, İpek Vartürk ,Sedat Şeker, PLASMATECH-2014, 28-30 April, 2014, Abdullah Gul University, Kayseri, Turkey
- Preparation and Characterization of Ito-Metal-Ito Multilayer Thin Films Deposited by DC Magnetron Sputtering., Turgay Çoruhlu, **Kenan Şentürk**, Advanced Materials World Congress, 16 -19 September, 2013 • İzmir, Turkey
- Fabrication and Characterization of MagnetronSputtered TCO-metal-TCO Multilayers, T. Çoruhlu, N. Aslan, T. Şen, G. Gürsoy, **K. Şentürk**, N. Bernhard, P. Pokrowsky, International Conference in Advanced Manufacturing for Multifunctional Miniaturised Devices, 15-16 July 2013, Zweibrücken, Germany
- Antibacterial Properties of Textiles by Magnetron Sputtering Coating Technique, **K.Senturk**, T.Sen, T.Coruhlu, S.Seker, I.Varturk, M.Korachi and N.Aslan, The International İstanbul Textile Congress 2013 May 30 th to 1st June 2013, İstanbul, Turkey
- Novel Plasma Needle as a Sterilizing Tool on Oral Microorganisms, C. Gurol, N. Aslan, **K. Senturk**, M. Korachi, IADR General Session, Barcelona, Spain, 14-17 July 2010
- Magneto-rotational instability of laboratory liquid metals, Necdet Aslan, **Kenan Sentürk** 6 th International Conference on Electromagnetic Processing of Materials, 19-23 October 2009, Dresden, Germany 6 th International Conference on Electromagnetic Processing of Materials Proceedings Book , Pg 114-117

- Magneto-rotational instability of laboratory liquid metals, Necdet Aslan, **Kenan Şentürk** 6 th International Conference on Electromagnetic Processing of Materials, 19-23 October 2009, Dresden, Germany 6 th International Conference on Electromagnetic Processing of Materials Proceedings Book , Pg 114-117
- The plasma discharge system for effective sterilization of water and solid surfaces, **K. Şentürk**, Z. Turan, N. Aslan, M. Korachi 26 th International Physics Congress, 24-27 September 2009, Bodrum, Turkey 26 th International Physics Congress Proceedings Book , Pg 59
- Magneto-hydrodynamics solver for heated and magnetized liquids **Kenan Şentürk**, *International Workshop on Numerical Simulations of Magnetohydrodynamic Flows, 14-15 November 2007, Karlsruhe, Germany*
- Electromagnetic breaking by the numerical solutions of incompressible MHD equations with fluctuation distribution scheme on triangular grids, Necdet Aslan , Massimo Tassarotto, **Kenan Şentürk**, Eylem G. Çoker *EUROMECH colloquium 475: Fluid dynamics in high magnetic fields TU Ilmenau, Germany March 1 – 3, 2006, in association with the MC meeting of COST P17*
- 2D Modelling and simulation of EM brake for liquid steel, Yeditepe University –Trieste University MHD Collaboration, Necdet Aslan , Massimo Tassarotto, **Kenan Şentürk** *56th Annual Meeting American Physical Society, Division of Fluid Dynamics, New Jersey, USA , November 23-25, 2003, East Rutherford, New Jersey, MEETING ID: DFD03*
- VISINC-MHD: A visual incompressible MHD code with dual time stepping and a matrix distribution algorithm, Yeditepe University –Trieste University MHD Collaboration, Necdet Aslan , Massimo Tassarotto, **Kenan Şentürk** *56th Annual Meeting American Physical Society, Division of Fluid Dynamics, New Jersey, USA , November 23-25, 2003, East Rutherford, New Jersey, MEETING ID: DFD03*

#### 7.4. Yazılan uluslararası kitaplar veya kitaplarda bölümler

- Contemporary Studies in Natural Sciences, Bölüm adı:(Cold Atmospheric Plasma Treatment of Turkish Tea) (2020)., ÇORUHLU TURGAY, AKKAYA ERAY, ŞEN TUBA, **ŞENTÜRK KENAN**, AKADEMİSYEN YAYINEVİ, Basım sayısı:1, ISBN:978-605-258-902-1
- Contemporary Studies in Natural Sciences, Bölüm adı:(THE PROPERTIES OF COTTON TEXTILE DEPOSITED BY COPPER AND SILVER USING MAGNETRON SPUTTERING COATING TECHNIQUE) (2020)., ŞEN TUBA, ORALTAY RIZA GÜRCAN, **ŞENTÜRK KENAN**, ÇORUHLU TURGAY, ASLAN NECDET, AKADEMİSYEN YAYINEVİ, Basım sayısı:1, ISBN:978-605-258-902-1

#### 7.5. Ulusal hakemli dergilerde yayınlanan makaleler

- Exact Solution of The Cauchy Problem For 2-D Scalar Conservation Laws With Constant Coefficients In a Class Of Discontinuous Functions, Mahir RESULOV, **Kenan SENTURK**, BEYKENT UNIVERSITY JOURNAL OF SCIENCE AND ENGINEERING Volume 5(1-2), 2012, p.27-47

#### 7.6. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

#### 7.7. Diğer yayınlar

#### 8. Projeler

- TÜBİTAK-COST P17 Project TBAG-U/166 (105T547) : Flow control of liquid metals under external Electric and Magnetic Fields and technological applications (2007-2010) (Araştırmacı)

#### 9. İdari Görevler

- T.C. İstanbul Gelişim Üniversitesi Mühendislik ve Mimarlık Fakültesi, Mekatronik Mühendisliği Bölüm Başkanlığı (2021-...)
- T.C. İstanbul Gelişim Üniversitesi Mühendislik ve Mimarlık Fakültesi ABET Akreditasyonu Sorumlusu (2020-...)
- T.C. İstanbul Gelişim Üniversitesi Bilgisayar Teknolojileri Robotik Uygulama ve Araştırma Merkezi Müdürlüğü (2018-2019)
- T.C. Beykent Üniversitesi Fen Bilimleri Enstitüsü Müdürlüğü (2017-2018)
- T.C. Beykent Üniversitesi Senato Üyeliği (2017-2018)
- T.C. Beykent Üniversitesi Mühendislik Mimarlık Fakültesi Enerji Sistemleri Mühendisliği Bölüm Başkanlığı (2015-2018)
- T.C. Beykent Üniversitesi Mühendislik Mimarlık Fakültesi Fakülte Kurul Üyeliği (2015-2018)
- T.C. Beykent Üniversitesi Fen Bilimleri Enstitüsü Müdür Yardımcılığı (2012-2015)

#### 10. Bilimsel ve Mesleki Kuruluşlara Üyelikler :

#### 11. Ödüller

- Beyoğlu Teknik Lisesi Okul 1. lîği (1995)
- Marmara Üniversitesi Fen Edebiyat Fakültesi Fizik Bölümü 3. lüğü (1999)
- Genç Araştırmacı Fon Desteđi, Uluslararası Teorik Fizik Merkezi, Trieste, İtalya, 2003.
- Genç Araştırmacı Fon Desteđi, Uluslararası Teorik Fizik Merkezi, Trieste, İtalya, 2004.
- TÜBİTAK Başkanlığı Güneş Arabası Projesi, Formüla G yarışi 3. lüğü (Aracın mekanik sorumlusu) 2005

12. Son iki yılda verdiğiniz lisans ve lisansüstü düzeydeki dersler için aşağıdaki tabloyu doldurunuz.

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2019-2020	Güz	Fizik I	3	2	247
		Fizik III	5		40
	Bahar	Fizik II	3	2	134
		Fizik III	5		61
2018-2019	Güz	Fizik I	3	2	70
		Physics	2		38
	Bahar	Fizik II	3	2	65
		Fizik III	5		48