

## Res. Asst. SİNAN GENÇ

### Personal Information

**Office Phone:** [+90 352 224 8800](tel:+903522248800)

**Email:** [sinan.genc@agu.edu.tr](mailto:sinan.genc@agu.edu.tr)

**Web:** <https://avesis.agu.edu.tr/sinan.genc>

**Address:** Abdullah Gül Üniversitesi Sümer Kampüsü Oda:A103 Kocasinan/KAYSERİ

### Education Information

Doctorate, Abdullah Gül Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Ve Bilgisayar Mühendisliği Abd, Turkey 2017 - Continues

Postgraduate, Abdullah Gül Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Ve Bilgisayar Mühendisliği Abd, Turkey 2015 - 2016

Undergraduate, Sakarya Üniversitesi, Mühendislik Fakültesi, Elektrik Elektronik Mühendisliği, Turkey 2007 - 2012

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Environment and Sustainability, 2020 Global Solutions Summit - Online, Global Solutions Initiative (GSI), 2020

Environment and Sustainability, Strategy and Planning Workshop I - Circular Economy Network MENA (CEMENA-Net), Konrad Adenauer Foundation (KAS) REMENA, 2019

Sustainable Energy Resources, EU-MENA Young Leaders Academy on Sustainability and Resource Security, Konrad Adenauer Foundation (KAS) REMENA, 2019

Sustainable Energy Resources, Autumn Academy on Sustainability and Resource Security in EU and MENA Region, Konrad Adenauer Foundation (KAS) REMENA, 2018

Renewable Energy Sources, Youth Winter Academy on Renewable Energies and Energy Security, Konrad Adenauer Foundation (KAS) REMENA, 2017

Education Management and Planning, Indoor Tools for Citizenship, Educator, 2015

### Dissertations

Postgraduate, Photometric Modelling for Efficient Lighting and Display Technologies, Abdullah Gül Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Ve Bilgisayar Mühendisliği Abd, 2016

### Research Areas

Electrical and Electronics Engineering, Electronic, Nanotechnology, Optics and Photonics, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Abdullah Gul University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2013 - Continues  
Research Assistant, Ağrı İbrahim Çeçen Üniversitesi, Doğa Bilimleri Ve Mühendislik Fakültesi, Elektrik Elektronik  
Mühendisliği, 2013 - 2013

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **FRET enabled light harvesting within quantum dot loaded nanofibers**  
ALTINTAS Y., KİREMİTLER N. B. , GENÇ S., ÖNSES M. S. , MUTLUGÜN E.  
JOURNAL OF PHYSICS D-APPLIED PHYSICS, vol.51, no.6, 2018 (Journal Indexed in SCI)
- II. **Rec. 2100 color gamut revelation using spectrally ultranarrow emitters**  
Genç S., UĞUZ M., YILMAZ O., Mutlugun E.  
OPTICAL ENGINEERING, vol.56, no.11, 2017 (Journal Indexed in SCI)
- III. **Excitonic interaction amongst InP/ZnS salt pellets**  
ALTINTAS Y., YAZICI A. F. , ÜNLÜ M., DADI Ş., GENÇ S., MUTLUGÜN E.  
JOURNAL OF MATERIALS CHEMISTRY C, vol.5, no.29, pp.7328-7336, 2017 (Journal Indexed in SCI)
- IV. **CdSe/ZnS quantum dot films for high performance flexible lighting and display applications**  
ALTINTAS Y., GENÇ S., Talpur M. Y. , MUTLUGÜN E.  
NANOTECHNOLOGY, vol.27, no.29, 2016 (Journal Indexed in SCI)
- V. **Trans-cis isomerization assisted synthesis of solution-processable yellow fluorescent maleic anhydrides for white-light generation**  
Özdemir M., GENÇ S., ÖZDEMİR R., ALTINTAS Y., Citir M., Sen U., MUTLUGÜN E., USTA H.  
SYNTHETIC METALS, vol.210, pp.192-200, 2015 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Machine Learning Assisted Particle Size and Type Classification Using Wavelength-Dependent Scattering Patterns**  
Genç S., İçöz K., Erdem T.  
International Conference on Optics and Photonics (OPTO) 2021, Wroclaw, Poland, 12 - 15 July 2021, pp.15
- II. **Color Simulation and Demonstration of Perovskite Nanocrystal Filters for Wide Color Gamut Displays**  
GENÇ S., YAZICI A. F. , Beskazak E., Uran C., MUTLUGÜN E.  
31st Annual Conference of the IEEE Photonics Society, IPC 2018, Virginia, United States Of America, 30 September - 04 October 2018
- III. **Redesign of commercial color filters for color enriched LCDs**  
Genç S., Uran C., Mutlugün E.  
International Conference on Optics and Photonics (OPTO) 2018, Gdansk, Poland, 4 - 07 July 2018
- IV. **The effect of fourth color component on enhancement of color gamut**  
GENÇ S., Uguz M., MUTLUGÜN E.  
30th Annual Conference of the IEEE-Photonics-Society (IPC), Florida, United States Of America, 1 - 05 October 2017, pp.227-228
- V. **Quantum Dot Integrated Nanofibers for White LEDs**  
MUTLUGÜN E., ALTINTAS Y., KİREMİTLER N. B. , GENÇ S., ÖNSES M. S.  
Materials Research Society, MRS 2017 Spring Meeting, Arizona, United States Of America, 17 - 21 April 2017
- VI. **Polymeric Nanocrystal Sheets for Efficient Lighting and Display Applications**  
MUTLUGÜN E., ALTINTAS Y., GENÇ S., TALPUR M. Y.  
Materials Research Society, MRS 2016 Fall Meeting, Boston, United States Of America, 27 November - 02 December 2016
- VII. **Computational study on NTSC color gamut enhancement using nano emitters**

GENÇ S., UĞUZ M., MUTLUGÜN E.

IEEE Photonics Conference 2016, Hawaii, United States Of America, 2 - 06 October 2016

### **Scientific Research / Working Group Memberships**

Smart Nanophotonics, Abdullah Gul University, Turkey, <http://people.agu.edu.tr/talhaerdem/Research>, 2019 - Continues

### **Citations**

Total Citations (WOS):48

h-index (WOS):3