

Res. Asst. MUHAMMED KILIÇ

Personal Information

Office Phone: [+90 462 377 3224](tel:+904623773224)

Email: muhammedkilig@ktu.edu.tr

Other Email: muhammedkkilig@gmail.com

Web: <https://avesis.ktu.edu.tr/muhammedkilig>

Address: Karadeniz Teknik Üniversitesi, Bilgisayar Mühendisliği Bölümü 61080 Trabzon

International Researcher IDs

ScholarID: OE4zg_EAAAAJ

ORCID: 0000-0002-2402-8265

Publons / Web Of Science ResearcherID: IAO-6123-2023

ScopusID: 57984853200

Yoksis Researcher ID: 389410

Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2024 - Continues

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2020 - 2024

Undergraduate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2016 - 2020

Foreign Languages

English, B1 Intermediate

Research Areas

Computer Sciences, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Audio forgery detection and localization with super-resolution spectrogram and keypoint-based clustering approach**
ÜSTÜBİOĞLU B., TAHAOĞLU G., ULUTAŞ G., Ustubioglu A., KILIÇ M.
JOURNAL OF SUPERCOMPUTING, vol.80, no.1, pp.486-518, 2024 (SCI-Expanded)
- Multi pattern features based spoofing detection mechanism using one class learning**
Üstübioğlu B., Tahaoglu G., Üstübioğlu A., Ulutaş G., Amerini İ., Kılıç M.
IEEE ACCESS, vol.12, pp.117523-117540, 2024 (SCI-Expanded)

Articles Published in Other Journals

I. **A Review of Deepfake Audio Manipulation Detection Systems**

Tahaođlu G., Kılıç M., Üstübiođlu B., Ulutaş G.

Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.29, no.1, pp.353-402, 2024 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **KTUCengAudioForgerySet: A new Audio Copy-Move Forgery Dataset**

Üstübiođlu B., Tahaođlu G., Ayaz G. Ö., Üstübiođlu A., Ulutaş G., Coşar A. M., Kılıç E., Kılıç M.

2024 47th International Conference on Telecommunications and Signal Processing (TSP), Praha, Czech Republic, 10 - 12 July 2024, pp.1-7

II. **Copy-Move Audio Forgery Detection with Instantaneous Frequency**

Kılıç M., Tahaođlu G., Üstübiođlu B., Üstübiođlu A., Ulutaş G.

2024 32nd Signal Processing and Communications Applications Conference (SIU), Mersin, Turkey, 15 - 18 May 2024, pp.1-4

III. **Block-Based Forgery Detection with Binary Gradient Pattern**

Yazıcı S., Üstübiođlu B., Kılıç M., Ulutaş G.

15. Uluslararası Bilgi Güvenliđi ve Kriptoloji Konferansı, Ankara, Turkey, 19 - 20 October 2022, vol.1, pp.1-5

Scholarships

TUBİTAK ARDEB 1001, TUBİTAK, 2022 - 2024