

Asst. Prof. EMRAH BENLİ

Personal Information

Email: emrahbenli@ktu.edu.tr

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

Education Information

Post Doctorate, U.S. Army Combat Capabilities Development Command (DEVCOM) Army Research Laboratory, Adelphi Laboratory Center, Computational and Information Sciences Directorate (CISD), United States Of America 2017 - 2018

Doctorate, Virginia Commonwealth University, College of Engineering, Electrical and Computer Engineering, United States Of America 2013 - 2017

Post Graduate, Clemson University, College of Engineering, Electrical Engineering, United States Of America 2011 - 2013

Under Graduate, Kocaeli University, Mühendislik Fakültesi, Elektronik Ve Haberleşme Mühendisliği, Turkey 2004 - 2009

Foreign Languages

English, C2 Proficiency

Dissertations

Doctorate, OMNI-DIRECTIONAL INFRARED 3D RECONSTRUCTION AND TRACKING OF HUMAN TARGETS, Virginia Commonwealth University, College of Engineering, Electrical and Computer Engineering, 2017

Courses

Mühendislik Tasarımı, Under Graduate, 2020 - 2021

Control Systems - II, Under Graduate, 2019 - 2020

Bitirme Projesi, Under Graduate, 2020 - 2021

Elektrik Devreleri Laboratuvarı - II, Under Graduate, 2019 - 2020

Control Systems - I, Under Graduate, 2019 - 2020

Image Processing, Under Graduate, 2019 - 2020

Bitirme Çalışması, Under Graduate, 2019 - 2020

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

- I. **DeepFuseNet of Omnidirectional Far-Infrared and Visual Stream for Vegetation Detection**
Stone D. L. , Ravi S., BENLİ E., Motai Y.
IEEE Transactions on Geoscience and Remote Sensing, 2021 (Journal Indexed in SCI Expanded)
- II. **Visual Perception for Multiple Human-Robot Interaction From Motion Behavior**
BENLİ E., Motai Y., Rogers J.
IEEE SYSTEMS JOURNAL, vol.14, pp.2937-2948, 2020 (Journal Indexed in SCI)
- III. **Thermal Multisensor Fusion for Collaborative Robotics**
Benli E., Spidalieri R. L. , Motai Y.

IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS, vol.15, pp.3784-3795, 2019 (Journal Indexed in SCI)

IV. Human Behavior-Based Target Tracking With an Omni-Directional Thermal Camera

Benli E., Motai Y., Rogers J.

IEEE TRANSACTIONS ON COGNITIVE AND DEVELOPMENTAL SYSTEMS, vol.11, pp.36-50, 2019 (Journal Indexed in SCI)

V. Dynamic 3-D Reconstruction of Human Targets via an Omni-Directional Thermal Sensor

Benli E., Rahlf J., Motai Y.

IEEE SENSORS JOURNAL, vol.18, pp.7209-7221, 2018 (Journal Indexed in SCI)

Articles Published in Other Journals

I. Robust Detection of Infrared Maritime Targets for Autonomous Navigation

Wang B., Benli E., Motai Y., Dong L., Xu W.

IEEE Transactions on Intelligent Vehicles, 2020 (Refereed Journals of Other Institutions)

Scientific Refereeing

IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS, SCI Journal, January 2021

IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS, SCI Journal, November 2020

IEEE SYSTEMS JOURNAL, SCI Journal, November 2020

IEEE ROBOTICS & AUTOMATION LETTERS (ICRA), Conference Paper (Full Text), November 2020

IEEE SYSTEMS JOURNAL, SCI Journal, August 2020

IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING, SCI Journal, May 2019

IEEE ROBOTICS & AUTOMATION MAGAZINE, SCI Journal, October 2018

IEEE TRANSACTIONS ON AUTOMATION SCIENCE AND ENGINEERING, SCI Journal, September 2018

CRC Press , Textbook Published by Renowned Publishing Houses, August 2018

Citations

Total Citations (WOS):6

h-index (WOS):2