

## **Asst. Prof. RUKİYE SAVRAN KIZILTEPE**

### **Personal Information**

**Email:** rukiye.savrankiziltepe@ktu.edu.tr

**Web:** <https://avesis.ktu.edu.tr/rukiye.savrankiziltepe>

### **International Researcher IDs**

ScholarID: IdicMRsAAAAJ

ORCID: 0000-0002-3862-7621

Publons / Web Of Science ResearcherID: GSE-2106-2022

ScopusID: 57217857298

Yoksis Researcher ID: 376992

### **Education Information**

Doctorate, University of Essex, School of Computer Science and Electronic Engineering, Computer Science, England 2017 - 2022

Postgraduate, University of Essex, School of Computer Science and Electronic Engineering, Advanced Computer Science, England 2016 - 2017

Undergraduate, Hacettepe University, Eğitim Fakültesi, Bilgisayar Ve Öğ.Tek.Eği. Bölümü, Turkey 2010 - 2014

### **Foreign Languages**

English, C1 Advanced

### **Dissertations**

Doctorate, Spatiotemporal features and deep learning methods for video classification, University of Essex, Computer Science and Electronic Engineering, Computer Science, 2022

Postgraduate, Experimental comparison of machine learning methods for preparing entries to Kaggle machine learning competitions, University of Essex, Computer Science and Electronic Engineering, Advanced Computer Science, 2017

### **Research Areas**

Artificial Intelligence, Computer Learning and Pattern Recognition, Natural Language Processing, Human Computer Interaction, Pattern Recognition and Image Processing, Neural Networks, Software Engineering

### **Academic Titles / Tasks**

Assistant Professor, Hacettepe University, 2022 - Continues

Assistant Professor, Karadeniz Technical University, Mühendislik Fakültesi, Yazılım Mühendisliği, 2022 - Continues

Research Assistant, University of Essex, School of Computer Science and Electronic Engineering, 2017 - 2022

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Integration of Feature and Decision Fusion With Deep Learning Architectures for Video Classification**  
Savran Kiziltepe R.  
IEEE ACCESS, vol.12, pp.19432-19446, 2024 (SCI-Expanded)
- II. **A novel keyframe extraction method for video classification using deep neural networks**  
Savran Kiziltepe R., Gan J. Q., Jose Escobar J.  
NEURAL COMPUTING & APPLICATIONS, vol.35, no.34, pp.24513-24524, 2023 (SCI-Expanded)

## Articles Published in Other Journals

- I. **An annotated video dataset for computing video memorability**  
Savran Kiziltepe R., Sweeney L., Constantin M. G., Doctor F., De Herrera A. G. S., Demarty C., Healy G., Ionescu B., Smeaton A. F.  
DATA IN BRIEF, vol.39, 2021 (ESCI)
- II. **Examining Information and Communication Technologies Preservice Teachers' Views On Technology Integration and Their Roles In This Process**  
Demiraslan Çevik Y., Dağhan G., Barın S., Savran Kiziltepe R.  
Journal of Theory and Practice in Education, vol.11, no.4, pp.1143-1166, 2015 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Overview of the mediaeval 2023 predicting video memorability task**  
Savran Kiziltepe R.  
MediaEval'23: Multimedia Evaluation Workshop, Amsterdam, Netherlands, 1 - 02 February 2024, pp.1-5
- II. **Energy-Aware KNN for EEG Classification: A Case Study in Heterogeneous Platforms**  
Escobar J. J., Rodríguez F., SAVRAN KIZILTEPE R., Prieto B., Kimovski D., Ortiz A., Damas M.  
17th International Work-Conference on Artificial Neural Networks, IWANN 2023, Ponta-Delgada, Portugal, 19 - 21 June 2023, vol.14134 LNCS, pp.505-516
- III. **Overview of The MediaEval 2021 Predicting Media Memorability Task**  
Savran Kiziltepe R., Constantin M. G., Demarty C., Healy G., Fosco C., Seco De Herrera A. G., Halder S., Ionescu B., Matran-Fernandez A., Smeaton A. F., et al.  
MediaEval 2021 Workshop, MediaEval 2021, Virtual, Online, 13 - 15 December 2021, vol.3181
- IV. **Overview of MediaEval 2020 predicting media memorability task: What makes a video memorable?**  
De Herrera A. G. S., Savran Kiziltepe R., Chamberlain J., Constantin M. G., Demarty C., Doctor F., Ionescu B., Smeaton A. F.  
Multimedia Evaluation Benchmark Workshop 2020, MediaEval 2020, Virtual, Online, 14 - 15 December 2020, vol.2882
- V. **Simple Effective Methods for Decision-Level Fusion in Two-Stream Convolutional Neural Networks for Video Classification**  
Savran Kiziltepe R., Gan J. Q.  
21th International Conference on Intelligent Data Engineering and Automated Learning, IDEAL 2020, Guimaraes, Portugal, 4 - 06 November 2020, vol.12489 LNCS, pp.77-87
- VI. **Essex-NLIP at MediaEval predicting media memorability 2020 task**  
Jacutprakart J., Savran Kiziltepe R., Gan J. Q., Papanastasiou G., De Herrera A. G. S.  
Multimedia Evaluation Benchmark Workshop 2020, MediaEval 2020, Virtual, Online, 14 - 15 December 2020, vol.2882
- VII. **Energy-Time Analysis of Convolutional Neural Networks Distributed on Heterogeneous Clusters for EEG Classification**  
Jose Escobar J., Ortega J., Damas M., Kiziltepe R., Gan J. Q.

15th International Work-Conference on Artificial Neural Networks (IWANN), Spain, 12 - 14 June 2019, vol.11507, pp.895-907

VIII. **Combining Very Deep Convolutional Neural Networks and Recurrent Neural Networks for Video Classification**

Kiziltepe R., Gan J. Q., Escobar J. J.

15th International Work-Conference on Artificial Neural Networks (IWANN), Spain, 12 - 14 June 2019, vol.11507, pp.811-822

### **Scientific Refereeing**

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, Journal Indexed in SCI-E, November 2023

FRONTIERS IN NEUROBOTICS, Journal Indexed in SCI-E, November 2021

### **Scholarships**

YLSY, Ministry of Education, 2015 - 2022