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EDUCATION

- University of the Aegean – Department of Information and Communication Systems Engineering
PhD **2020**
 Dissertation title "[Image Steganalysis for Digital Forensics](#)"
 Examining Committee: Ergina Kavallieratou, Estathios Stamatatos, Giorgos Papadourakis, Maria Karyda, Spyros Kokolakis, Stefanos Gritzalis, Vassilis Anastassopoulos

 Grade: Excellent
- Technological Educational Institute of Crete – Department of Informatics Engineering
MSc **2015**
 Thesis title "File type identification - -A computational intelligence approach to digital forensics"

 Grade: 9.37
- Technological Educational Institute of Heraklion – Department of Electrical Engineering

Electrical engineer **1994**
 Grade: 6.4

AWARDS

• IKY Scholarship	1989
• IKY Scholarship	1990
• Human Resources Development, Education and Lifelong Learning 2014-2020	2020

SKILLS

- Matlab, Weka, Python, KNIME, Linux

Email : karampidis@hmu.gr**Phone:** +302810379377**WORKING EXPERIENCE**

Hellenic Mediterranean University	2020- today
Laboratory Teaching Staff - Department of Electrical & Computer Engineering	
University of the Aegean	2020- today
Post Doctoral Researcher - AI Lab	
Hellenic Mediterranean University	2019-2020
Laboratory teacher to: Digital Signal Processing, Pattern Recognition, Neural Networks	
Technological Educational Institute of Crete / HMU	2017-2020
IT Specialist – IT Department	
Technological Educational Institute of Crete	2015-2020
Laboratory teacher to: Digital Signal Processing, Pattern Recognition, Neural Networks	
IEK AKMI – Informatics Trainer	2016-2019
Lessons: Computer networks, Algorithms, Network Security	
Various teaching institutes (secondary education)	1999-2016
Teacher to: Algorithms, Computer networks	

JOURNAL PUBLICATIONS & BOOK CHAPTERS

- Karampidis K., Kavallieratou E., Papadourakis G. "A dilated convolutional neural network as feature extractor – A hybrid classification scheme", Pattern Recognit. Image Anal. 30, 342–358 (2020). <https://doi.org/10.1134/S1054661820030098>.
- K Karampidis, I Deligiannis , G Papadourakis, "Combining Genetic Algorithms And Neural Networks For File Forgery Detection." In: Tsihrintzis G., Sotiropoulos D., Jain L. (Eds) Machine Learning

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Paradigms. Intelligent Systems Reference Library, Vol 149. Springer, Cham, 2019

- Konstantinos Karampidis, Ergina Kavallieratou, Giorgos Papadourakis, "A review of image steganalysis techniques for digital forensics", Journal of Information Security and Applications, Volume 40, 2018, Pages 217-235, ISSN 2214-2126, <https://doi.org/10.1016/j.jisa.2018.04.005>
 - Konstantinos Karampidis, Ergina Kavallieratou, and George Papadourakis. "Comparison of classification algorithms for file type detection a digital forensics perspective". Polibits, 56:15–20, 2017.
 - Karampidis, Konstantinos and Papadourakis, Giorgos (2017) "File Type Identification - Computational Intelligence for Digital Forensics," Journal of Digital Forensics, Security and Law: Vol. 12: No. 2, Article 6. DOI: <https://doi.org/10.15394/jdfsl.2017.1472>
-

CONFERENCE PROCEEDINGS

- Karampidis et. Al: "Difficulties and disparities to distance learning during Covid-19 period for deaf students – A proposed method to eradicate inequalities", Accepted Paper to Intelligent Tutoring Systems Conference, ITS2021
- Ionescu, B., et al: ImageCLEF 2019: Multimedia retrieval in medicine, lifelogging, security and nature. In: Experimental IR Meets Multilinguality, Multimodality, and Interaction. Proceedings of the 10th International Conference of the CLEF Association (CLEF 2019), LNCS Lecture Notes in Computer Science, Springer, Lugano, Switzerland (September 9-12 2019)
- Karampidis, K., Vasillopoulos, N., Cuevas Rodríguez, C., del Blanco, C.R., Kavallieratou, E., Garcia, N.: Overview of the ImageCLEFsecurity 2019 task. In: CLEF2019 Working Notes. CEUR Workshop Proceedings, 09–12 September 2019, Lugano, Switzerland. CEUR-WS.org (2019)
- B. Ionescu et al. "ImageCLEF 2019: Multimedia Retrieval in Lifelogging, Medical, Nature, and Security Applications", 41st Eur.

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- Conf. on IR Research, ECIR 2019, Cologne (Germany), pp 301-308, 14-18 Apr. (2019).
- K. Karampidis, S. Panagiotakis, M. Vasilakis, E. K. Markakis and G. Papadourakis, "Industrial CyberSecurity 4.0: Preparing the Operational Technicians for Industry 4.0," *2019 IEEE 24th International Workshop on Computer Aided Modeling and Design of Communication Links and Networks (CAMAD)*, Limassol, Cyprus, 2019, pp. 1-6, doi: 10.1109/CAMAD.2019.8858454.
 - Dafni Lymperidi, Konstantinos Karampidis, Giorgos M. Papadourakis, Konstantinos Kornarakis, Maria Christofaki, Nuno Escudeiro, Paula Escudeiro, "INTERNATIONAL ASSISTED COMMUNICATION FOR EDUCATION (I-ACE): GREEK CONTRIBUTION", ERACON Congress & CAREER-EU Conference, Paphos Cyprus, 2019
 - Konstantinos Karampidis, Giorgos M. Papadourakis, Konstantinos Kornarakis, Dafni Limberidi, Maria Christofaki, Nuno Escudeiro, Paula Escudeiro, "I-Ace Erasmus + Project International Assisted Communication for Education", 17th International Symposium On Ambient Intelligence and Embedded Systems – Amies 2018, Kiel, Germany, September 2018.
 - Giorgos M. Papadourakis, Spyros Panagiotakis, John Fasoulas, Konstantinos Karampidis, Maria Christofaki, Anabel Menica, Xabier Ugarte, Silvano Bertaina, Nuno Escudeiro. "Open Source Applications for Industrial Automation", 17th International Symposium On Ambient Intelligence and Embedded Systems – Amies 2018, Kiel, Germany, September 2018.
 - Giorgos Papadourakis, Konstantinos Karampidis, Ioannis Marinakis, Giorgos Peirasmakis, Nuno Escudeiro. "Blended Aim 2018: Epigo, An Application for People with Epilepsy Ella, A Commercial Chatbot", 17th International Symposium On Ambient Intelligence and Embedded Systems – Amies 2018, Kiel, Germany, September 2018.
 - Karampidis K., Papadourakis G. (2016) File Type Identification for Digital Forensics. In: Krogstie J., Mouratidis H., Su J. (eds) *Advanced Information Systems Engineering Workshops. CAiSE 2016. Lecture Notes in Business Information Processing*, vol 249. Springer, Cham
 - Karampidis, K., Papadourakis, G., & Deligiannis, I. (2015). File Type Identification -A Literature Review. In 9th International Conference

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on New Horizons in Industry Business and Education, NHIBE 2015 (p. 141). Skiathos, Greece: 9th International Conference on New Horizons in Industry Business and Education.

RESEARCH INTERESTS

Digital Forensics, Deep Learning , Machine Learning , Computer Vision, Neural Networks

RESEARCH PROJECTS

- "Creation of a Multimodal Biometric Password by using Steganography " Co-financed by Greece and the European Union (European Social Fund- ESF) through the Operational Programme «Human Resources Development, Education and Lifelong Learning 2014-2020» MIS5050338. Contract duration: 06/2020 - 09/2021.
- Erasmus+ "Arduino SYS-STEM for Schools" (Grant Agreement Number 2019-1-ES01-KA201- 064454) – 24/02/2021 -30/04/2022
- Erasmus+ "Industrial Cyber Security 4.0" (Grant Agreement Number 2018-1-ES01-KA203-050493). Contract duration: 05/02/2019- 04/06/2020
- Erasmus+ "International Assisted Communication for Education I-ACE" (Grant Agreement Number 2016-1-PT01-KA201-022812). Contract duration: 03/04/2018 - 31/12/2018.
- Erasmus+ "Blended Academic International Mobility - blended-AIM" (Grant Agreement Number 2015-1-PT01-KA203-013100). Contract duration: 03/04/2018 - 31/10/2018.

REVIEWER

- Pattern Recognition
 - IEEE Transactions in Multimedia
 - Artificial Intelligence Review
 - IET Computer Vision
 - Computer Methods and Programs in Biomedicine
 - Mathematical Biosciences and Engineering
 - Artificial Intelligence in Medicine
 - Applied Sciences
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MEMBERSHIPS

- Hellenic Artificial Intelligence Society (EETN)
- Hellenic Society of Computer Sciences and Communications (EPY)
- Intelligent Systems and Computer Architecture (ISCA) Lab –
Hellenic Mediterranean University