

Ερευνητική και Εθελοντική Ομάδα σχετικά με τη Δημόσια Ασφάλεια και τις Έκτακτες Καταστάσεις (ΕΕΟΔΑΕΕ)

Εναρκτήρια Εκδήλωση

Τετάρτη 15 Μαρτίου 2023 @13:00

Αμφιθέατρο Ηλεκτρονικής, Σίνδος
Τμήμα Μηχανικών Πληροφορικής και Ηλεκτρονικών Συστημάτων (ΤΜΠΗΣ)
Διεθνές Πανεπιστήμιο της Ελλάδος (ΔΙΠΑΕ)

Πρόγραμμα

Σύντομη εισαγωγή σχετικά με τη δημιουργία της Ομάδας ΕΕΟΔΑΕΕ
(13:00 – 13:05)

Δρ. Περικλής Χατζημίσιος (Καθηγητής ΤΜΠΗΣ, Chair Communications and Networking Committee του IEEE Public Safety Initiative)

Μελέτη των τεχνολογιών επικοινωνίας για περιπτώσεις εκτάκτων καταστάσεων και δικτύων δημόσιας ασφάλειας
(13:05 – 13:20)

Αλέξανδρος Καρυπίδης και Δημήτρης Ντέντας (Απόφοιτοι του Προγράμματος Μεταπτυχιακών Σπουδών “Ευφυείς Τεχνολογίες Διαδικτύου”)

Views and Experiences on the Use of Robotic Technologies in USAR operations
(13:20 – 13:35)

Δρ. Χάρης Γεωγίου (Επιχειρησιακό Μέλος της Ελληνικής Ομάδας Διάσωσης Αττικής και Ερευνητής σε Data Analytics/AI)

Λύσεις πρόληψης και καταγραφής Φυσικών Καταστροφών με ΣμηΕΑ: Δυνατότητες, Απαιτήσεις και Περιορισμοί στην πράξη
(13:35 – 13:45)

Δρ. Βασίλειος Μηλιώτης (CEO της MSB Technologies, πρώην Αξιωματικός της Πολεμικής Αεροπορίας)

Προτεινόμενη δομή/χαρακτηριστικά της Ομάδας και ανοικτή συζήτηση
(13:45 – 14:15)

Δρ. Περικλής Χατζημίσιος (Καθηγητής ΤΜΠΗΣ, Chair Communications and Networking Committee του IEEE Public Safety Initiative)

Βιογραφικά ομιλητών

Dr. Periklis Chatzimisios serves as Professor in the Department of Information and Electronic Engineering of the International Hellenic University (Greece). He has been awarded the title of Researcher Professor by the Department of Electrical and Computer Engineering of the University of New Mexico (USA). He is also a Visiting Fellow in the Faculty of Science & Technology, at Bournemouth University (UK). He has participated as a researcher and scientific officer in many European and national research and development projects funded by European Commission, Institute of International Education (IIE) and national agencies. He is/has been involved in several standardization and IEEE activities under the IEEE Communication Society (ComSoc) serving as the Chair of the ComSoc Young Professionals (YP) Standing Committee and as a Member of the ComSoc Education Services Board, the ComSoc Standards Program Development Board, the ComSoc Industry Outreach Board and the ComSoc Online Content Board. He is the Chair of the Communications Chapter and Professional Activities for the IEEE Greece Section. For more than 20 years he has been a member and/or Chairman of the Scientific/Steering/Organizing Committee of hundreds of international conferences and Founder/Organizer/Co-Chair for many Workshops which are co-allocated with major IEEE conferences. He is the author/editor of 8 books and more than 170 peer-reviewed papers and book chapters on the topics of performance evaluation and standardization of mobile/wireless communications, Internet of Things, 5G/6G communications, the 4th Industrial Revolution, Public Safety, Smart Cities and vehicular networking. He is in the Top 2% Most Influential World Scientists in the Stanford University list for 2022, 2021 and 2020 in the area of Networking & Telecommunications.

Dr. Harris Georgiou (MSc, PhD) is a Machine Learning and Data Scientist specializing in mobility analytics, big data, dynamic systems, complex systems, signal/image processing, Bioinformatics and Artificial Intelligence. He is a R&D consultant and senior researcher for more than 25 years in the field in multiple post-doctorate assignments, focusing on in sparse learning models and fMRI/EEG signal for applications in Biomedicine and Bioinformatics, next-generation air traffic control, maritime surveillance & urban mobility via Big data analytics & Machine Learning methods. Since 2016 he is the active LEAR, team coordinator & scientific advisor with the Hellenic Rescue Team of Attica (HRTA) in several EU-funded R&D projects (H2020) for civil protection, miniaturized robotic equipment & sensors for SAR operations and next-generation advanced technologies for first responders. He is also course leader/lecturer, as well as private consultant, in collaboration with over 140 academic institutions, organizations and companies. He has published 87 peer-reviewed journal & conference papers, plus 76 independent & open-access works, technical reports, magazine articles, software toolboxes and open-access datasets, a two-volume book series on medical imaging and diagnostic image analysis, contributed in six other major books and one U.S. patent in related R&D areas. He has been a member of over 90 technical committees in international scientific journals & conferences since 2008.

Dr. Vasileios Miliotis is the CEO of MSB Technologies, specializing in Artificial Intelligence applications and in consulting on UAV technologies and aerospace applications. He is a graduate of the Engineering Department of the Hellenic Air Force Academy, with PhD studies in telecommunications engineering at the Polytechnic University of Catalonia in Barcelona (UPC), postgraduate studies in telecommunications engineering at the University of Thessaly, and an MBA from Imperial College London. He has research, teaching and publications activity in the field of telecommunications and networks with a focus on 4G and 5G technologies and the application of economic models in the allocation of network resources. He has developed innovative natural disaster forecasting solutions based on data collected by UAVs as well as national infrastructure inspection solutions using drones. He holds an EASA Drone Pilot A1/A3, A2 and special blended-wing drones' license. In addition to his business and academic activities, he served in the Air Force as an Engineer Officer specializing in F-16 fighter aircrafts. Dr. Vasileios Miliotis holds a license to practice the profession of Telecommunications Engineer (Grade A) and is a member of the Hellenic Air Force Engineers Scientific Society (HAFESS).