EFTYCHIOS PROTOPAPADAKIS

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Eftychios Protopapadakis is an Assistant Professor in the Department of Applied Informatics at the University of Macedonia. He studied production engineering & management at the Technical University of Crete. His educational background includes a M.S. degree in management and business administrator, a Ph.D. in decision systems, both at the same university and a post-Ph.D. in semi-supervised deep learning models, at the National Technical University of Athens. He has worked as an engineer/manager in 16 European and Intereg projects since 2010.

His research interests focus on machine learning and computer vision applications. He has explored the applicability of semi-supervised techniques in maritime surveillance, elder people support, industrial workflow monitoring, and cultural heritage digitization. Other investigated areas involve stock market share trends' forecasting and credit risk assessment. Additionally, he has worked on structural assessment in transportation tunnel infrastructures, via deep - learning techniques and robotic platforms, intelligent parking management policies, and radar signal processing for target identification.

Additional research fields included intangible cultural heritage preservation, energy disaggregation and personalized motivation strategies towards a more energy efficient behavior, diabetic feet monitoring, using non-invasive vision-based techniques, and nature-based intervention planning for improving the well-being for the citizens. He also has teaching experience, in computer vision, artificial neural networks and machine learning courses.

Eftychios co-authored more than 80 publications, counting approximately 6000 citations. His paper on industrial workflow recognition received the best paper award in INFOCOMP 2012. Other awards include university scholarships for excellence, Technical Chamber of Greece award for

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excellence in studies, state scholarship foundation – SIEMENS doctorate scholarship 2012 and post PhD scholarship of the National Strategic Reference Framework 2014-2020. He was ranked on Stanford - Elsevier's Top 2% Scientist list in 2024.

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