

Dr. Grigorios Tsagakatakis ([users.ics.forth.gr/~greg/](http://users.ics.forth.gr/~greg/)), Assistant Professor in the Department of Computer Science at the University of Crete and Collaborating Researcher at the Institute of Computer Science of FORTH. In 2005, he graduated from the Technical University of Crete with a degree in Electronics and Computer Engineering, followed by his master's degree in 2007, where he focused on image transmission over wireless networks. In 2011, he completed his Ph.D. at the Rochester Institute of Technology, USA, specializing in computer vision and dimensionality reduction in image processing systems. From 2011 to 2013, he was a Marie Skłodowska-Curie Fellow at the Institute of Computer Science of FORTH, focusing on signal and image processing. Between 2014 and 2023, he was a Visiting Professor at the University of Crete and a Collaborating Researcher at FORTH, while in 2023, he assumed the position of Assistant Professor in the same department. He has led several research projects, including the Marie Skłodowska-Curie CALCHAS project (2019–2022), which aimed at remote sensing data analysis using computational intelligence techniques, and DUALCAM (2022), where he developed innovative systems for real-time multispectral image fusion for the European Space Agency (ESA). His current research interests include signal and image processing, machine learning, and their applications in remote sensing and space applications. He has authored over 70 research papers in international scientific journals and holds one patent. He has received awards for the best paper at scientific conferences and continues to coordinate research projects, such as [TITAN](#) (2023–2027), with a budget of 2.5 million euros, focusing on artificial intelligence and astrophysics technologies.