**Professor Ioannis D. Zaharakis**

He received his B.Sc. in Mathematics (in 1992) and his Ph.D. (in 1999, in Software Engineering) both from the Dept. of Mathematics, Univ. of Patras, Hellas. Since 2019, he is a Professor with the Department of Electrical and Computer Engineering, Univ. of Peloponnese, Greece, where he teaches software design and engineering as well as Artificial Intelligence, Machine Learning and Ubiquitous Computing. Also, he has taught in the Postgraduate Study Programme on "Engineering of Pervasive Computing Systems" (http://sdy.eap.gr/) of Hellenic Open University (2011-2017).

In 2002, he joined the DAISy Unit at Research Academic Computer Technology Institute as a Researcher/R&D Engineer, focusing on the formal specification of component-based ubiquitous computer systems; he is Managing Director of the Research Unit DAISy (http://daisy.cti.gr) since 2009. He was also researcher of the HOU e-Comet Lab (Educational Content, Methodologies and Technologies Lab) (http://eeyem.eap.gr) during 2011-12. During 1993-1999, he was researcher in the Educational Software Development Lab, University of Patras, where he was involved in the specification, design and implementation of intelligent tutoring systems. He has participated in several EU-funded (H2020, FET-Open, IST) and national R&D projects. Examples of EU-funded projects are STEAMonEDU, UMI-Sci-Ed, WEMIN, e-Gadgets, Astra, Plants, Social and Atraco.

He has authored two textbooks for the Hellenic Open University and more than 30 papers that have been published in international journals and conferences. His current research interests include formal methods in intelligent systems and engineering ubiquitous/pervasive computing systems.

**Recent Publications**

1. Spyropoulou N., Glaroudis D., Iossifides A., Zaharakis I. D., "Fostering Secondary Students' STEM Career Awareness Through IoT Hands-on Educational Activities: Experiences and Lessons Learned", *IEEE Communications Magazine* (2020).
2. Panagiotou P., Sklavos N., Darra E., Zaharakis I. D., "Cryptographic System for Data Applications, in the Context of Internet of Things", *Microprocessors and Microsystems* 72 (2019). DOI: https://doi.org/10.1016/j.micpro.2019.102921
3. Goumopoulos, C., Iossifides, A., Fragou, O., Zaharakis, I., Kameas A. "An approach to advance STEM education practices based on IoT technologies and the CoPs paradigm", in Bruce M. McLaren, et al. (Eds.), *Computer Supported Education*. CSEDU 2018. Communications in Computer and Information Science, vol 1022, pp. 117-141, 2019, Springer, Cham. DOI: 10.1007/978-3-030-21151-6_7.
4. Glaroudis, D., Iossifides, A., Spyropoulou, N., Zaharakis, I. D., "Investigating Secondary Students' Stance on IoT Driven Educational Activities". In Kameas A, and Stathis K. (Eds) Ambient Intelligence, LNCS 11249, 2018, pp. 188-203. Springer, Cham. DOI: https://doi.org/10.1007/978-3-030-03062-9_15
5. Glaroudis, D., Iossifides, A., Spyropoulou, N., Zaharakis, I. D., Kameas A. D., "STEM Learning and Career Orientation via IoT Hands-on Activities in Secondary Education". In *IEEE proceedings of PerCom 2019 Conference , PerFoT'19 - International Workshop on Pervasive Flow of Things,* Kyoto, Japan, March 11-15, 2019, pp. 480-485