

Dr. Theofilos Chrysikos was born in Patras, Greece in 1982. He received his Engineering Diploma from the Department of Electrical and Computer Engineering of the University of Patras in 2005 and his PhD in 2012 on Wireless Channel Characterization with emphasis on channel measurements and modeling on path loss, large-scale (shadowing) and small-scale fading, physical-layer security and RF safety, under the supervision of Prof. Dr. Stavros Kotsopoulos at the Wireless Telecommunications Laboratory, where has been a post-doctoral researcher for years. He is currently a Research and Teaching Associate at the Optical Communications Laboratory (Director: Prof. Dr. Ioannis Tomkos).

Dr. Chrysikos has an ample research experience in various EU and state-funded programs and research funds (HORIZON 2020, FP7 and Thales). He has a teaching experience in various academic institutions in Greece. As per University of Thessaly, he is a Teaching Associate (non-tenured) at the Department of Informatics and Telecommunications and at the General Department of Lamia, whereas in the past he has been employed at the Department of Physiotherapy and at the Departments of Informatics Engineering and Electronics Engineering of the Technical Educational Institute (TEI) of Central Greece.

His topics of interest include the convergence of new generation optical and wireless networks, wireless broadband networking, wireless channel modeling, 5G standardization, mobile cellular networks, small cells/backhaul design and evaluation, antennas and propagation, microwave/RF/EMC measurements and characterization, satellite networks and telemetry systems, IoT and Smart home/cities, Body Area Networks and Smart/Mobile Health, biomedical/biomechanical interdisciplinary research, information-theoretic physical layer security, ad-hoc and sensor networks, vehicular communications, Public Safety/PPDR services and digital cultural platforms and solutions.

In 2016, Dr. Chrysikos was the 1st winner of the Falling Walls Greek Lab and a contestant at the international lab finals in Berlin. As part of his Smart Health endeavors, Dr. Chrysikos has organized the workshop of innovation and entrepreneurship at the WTS 2019 conference (NYC, USA), and is a co-founder and active participant of the Wheamo and Moment start-ups/innovation hubs. Dr. Chrysikos has authored/co-authored over 50 publications and holds over 440 citations (h-index: 13, source: Google Scholar, 2020).

He has participated in awareness-raising seminars and EMF/EMC Safety Measurements in high-frequency systems (450 MHz – 6 GHz). Dr. Chrysikos is a member of Editorial Boards for peer-reviewed journals and has participated in over 100 TPCs, serving as a designated reviewer in various journals and conferences. He is a member of the Technical Chamber of Greece and a member of its Standing Committee of New Technologies (Western Greece Chapter, 2014-2020). He is also a member of the EurAAP WG 9 – Propagation.