

STEFANOS TSITOMENEAS

Professor Emeritus

Brief Curriculum Vitae

Stefanos TSITOMENEAS graduated from the Department of Physics of the National and Kapodistrian University of Athens (1982) and received the MSc in “Electronics and Radioelectrology” (1984) from the same University and the PhD in Optoelectronics from the University of Metz, France (1994). His PhD thesis was on the “*Conception, Étude Théorique et Réalisation d' un Convertisseur Intensité-Fréquence Optoélectronique à Amplificateur Opérationnel et MOSFETs de Puissance*”.

Since 1990 he has been a professor in the Department of Electronics Engineering of the Technological Education Institute of Piraeus, where he has taught courses on electronics, optoelectronics, communications and audio-video broadcasting and has served as the Head of the Department for a total period of eight years. He is a Professor Emeritus of the same Department since his retirement in August 2012.

From 2003 to date he is the director of the International MSc Course in “*Networking and Data Communications*” offered by the TEI of Piraeus in collaboration with Kingston University, U.K.

In parallel he teaches the subject “*Radiation: Impacts, Risks and Safety measures*” of the MSc Course in “*Environment and health: Capacity building for decision making*” offered by the Medical School of the National and Kapodistrian University of Athens.

He has authored the book “*Environmental Physics: Radiation, Effects, Risks and Safety Measures*” and has authored or co-authored over a hundred papers and technical studies at national and international level in physics, electronics, technology, environment and health. On the same issues, he is acting as scientific and technical consultant for many Greek Municipalities and Public Institutions, as well as for the RADECS international organization.

Prof. Tsitomeneas is currently Vice-President of the Hellenic Physics Society, member of the International Institute of Electrical & Electronics Engineers (IEEE) and member of the New York Academy of Sciences.

Selected publications after his retirement (2012)

- St. A. Geronikolou, S. Zimeras and S. Th. Tsitomeneas, ***Operational and Biological Effects Zones from Base Stations of Cellular Telephony***, Proc. of 9th International Physics Conference of the Balkan Physics Union, Istanbul University, 2015, Istanbul, Turkey, mscr 15PP39.
- S. Th. Tsitomeneas, K. Vourlias and St. A. Geronikolou, ***The Radiation Protection Principles Model as a Tool in the E-Waste Procedures***, Proc. of 9th International Physics Conference of the Balkan Physics Union, Istanbul University, 2015, Istanbul, Turkey, mscr 12PP10.
- S. Th. Tsitomeneas, A. I. Kokkosis and A. G. Charitopoulos, ***Legislation, design and management of the electrical and electronic waste (e-waste) procedures***, Proc. of 9th

Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion, Med Power 2014, Athens, Greece, paper169.

- S. Geronikolou, S. Zimeras, C. H. Davos, I. Michalopoulos, S. Tsitomeneas, ***Diverse Radiofrequency Sensitivity and Radiofrequency Effects of Mobile or Cordless Phone near Fields Exposure in Drosophila melanogaster***, PLOS ONE, November 2014, Volume 9, Issue 11, e112139, pp1-7.
- S. Tsitomeneas, S. Vassiliadis and Ch. Charitou, ***A Conductive Textile Fabric for Microwave Shielding Applications***, Proc. of The International Istanbul Textile Congress 2013, Istanbul, Turkey, 2013.
- S. Th. Tsitomeneas, A. I. Kokkosis and A. Charitopoulos, ***Telemetry, over the electrical networks, of the induced effects from geomagnetic storms***, Proc. of 8th Mediterranean Conference on Power Generation, Transmission, Distribution and Energy Conversion, MEDPOWER 2012, Cagliari, Italy, 2012.