

Short CV of Dr. Diamantis Manolis



Diamantis Manolis received the Dipl.Ing. degree in Production Engineering and management from the Technical University of Crete, Chania, Greece, in 2003 and the M.Sc. degree in Operational Research and the Ph.D. degree in Operational Research from the Technical University of Crete, Chania, Greece, in 2006 and 2010 respectively.

From 2003 to 2006 and from 2007 to 2010 he was a Teaching Assistant with the Dynamic Systems and Simulation Laboratory. From 2006 to 2007, he served his military service in Greece. Between 2011 and 2020 he was an Adjunct Lecturer with the Dynamic Systems and Simulation Laboratory, Department of Production Engineering and Management, Technical University of Crete, Chania, Greece. From 2011 to 2013 he was a researcher at Centre for Research & Technology Hellas – Information Technologies Institute (CERTH/ITI), Thessaloniki, Greece. From 2013 until 2021 he was a researcher associate with the Dynamic Systems and Simulation Laboratory. Since 2022 he is an assistant professor in the Product and Systems Design Engineering department of the University of Western Macedonia. His main research interests include automatic control and optimization theory, queue theory and applications to traffic and transportation systems.

He has participated in 10 Research & Development projects including the most recent TRAMAN21 (Traffic management for the 21st century), an Advanced Investigator Grant with Prof. Markos Papageorgiou as a Principal investigator that was funded by the European Commission, European Research Council Executive Agency (www.traman21.tuc.gr); and LOCAL4GLOBAL, a development, application, testing and evaluation of a generic methodology/system for globally optimizing Technical Systems of Systems (TSoS) via local control actions, Funded by the European Commission (DG Connect), R&D Programme Information and Communication Technologies (ICT) (<http://local4global-fp7.eu>).

He is the author and a coauthor of several technical papers in scientific journals, conference proceedings and research & development reports. He is also the coauthor of one book chapter.

He has won the **1st Prize** for the IEEE-ITSC Best Paper Award at the 2020 IEEE Intelligent Transportation Systems Conference for the paper by Cao J., Hu Y., Manolis D., Zhang S., Wang Y., Guo J., Papamichail I., Papageorgiou M., Zhang L., Hu J., **A max pressure approach to urban network signal control with queue estimation using connected vehicle data.**

Dr. Diamantis Manolis is also a member of the Technical Chamber of Greece (since 06/2005).