

Curriculum Vitae

Name	Theodoros (Theodore) Laopoulos
<i>Position</i>	Professor, Electronics and Computers Section, Physics Department, Aristotle University of Thessaloniki (A.U.Th.), Greece. Academic Field: Electronic Circuits for Measurements and Control
<i>Studies</i>	<ul style="list-style-type: none"> • Ph.D.: Physics Dept., A.U.Th., (1989) • B.Sc. in Physics, Physics Dept., A.U.Th., (1980)
<i>Scientific and Administrative Experience</i>	<ul style="list-style-type: none"> • Full Professor, Physics Dept., A.U.Th., 2014- • Associate Professor, Physics Dept., A.U.Th., 2003-2014 • Assistant Professor, Physics Dept., A.U.Th., 1993-2003 • Lecturer, Physics Dept., A.U.Th., 1990-1993 <p>Director of the "Electronics Lab.", 2019-</p> <p>Previous Administrative Experience:</p> <ul style="list-style-type: none"> • Vice-Rector for Research and Coordination, A.U.Th., 2014-2019 • Chair of the Physics Department, A.U.Th., 2011-2013 • Vice-Chair of the Physics Department, A.U.Th., 2009-2011 • Director of the Electronics and Computers Section, Physics Dept., A.U.Th., 2005-2007 • Director of the Postgraduate Studies Program on "Electronic Physics (Radio-electrology)" of the Physics Dept., A.U.Th., 2010-2013 • Member of the Board of the Institute for the Study of the Santorini Island Volcano (ISMOSAV), 2006-2012 <p>International Scientific Activity:</p> <ul style="list-style-type: none"> • Associate Editor, IEEE Transactions on Instrumentation and Measurement, • Member (2011-), Chair (2003-2011), of the International Advisory Board of the "IEEE Intern. Workshop on Intelligent Data Acquisition and Advanced Computer Systems – IDAACS" • Member of the Editorial Board/Reviewer of research papers for >10 international scientific magazines, Member of the scientific/technical committees in many international conferences, special sessions organizer, papers reviewer, sessions chair, etc • External Expert Evaluator of research proposals for funding by European and Greek national organizations, other universities, and for the National Research Organizations of Italy, Slovakia, and Georgia.
<i>Research and Educational Activities</i>	<p>Research Interests:</p> <p>Electronic Circuits for Measurement and Control, Design of Electronic Circuits and Systems, Measurements and Automation Systems and Techniques, Sensors Interfacing Circuits, DC Motors Control</p>

	<p>Configurations, Microcontroller Systems, and Educational Issues in Electronics.</p> <p>Scientific Publications: The list of scientific publications of Th. Laopoulos includes more than 40 research papers in international peer-reviewed journals, 100 publications in proceedings of international peer-reviewed conferences, 20 presentations in National Greek Conferences, 11 books/book-chapters, and 1 patent. The above published work has obtained more than 900 citations till the end of 2019 according to recognized search engines, while the h-index is at least H=16.</p> <p>Research Projects: Coordinator (scientific responsible/principal investigator) in 18 projects of externally funded research [1 European project (INTAS, coordinator of the total project of 4 labs from 4 different countries), 6 National projects, 1 educational project for postgraduate students in electronics, and 10 R&D projects for public and private organizations and companies Head of research group in other 3 projects. Personal participation in other 15 projects.</p> <p>Educational Activities:</p> <ul style="list-style-type: none"> • Prof. Laopoulos has taught (in total since 1990) more than 10 different theoretical and laboratory courses of undergraduate and postgraduate level in the area of electronic circuits and measurement systems. Part of them are new courses organized by him. • Supervision of 4 Ph.D. works (completed): 3 at the Physics Dept. A.U.Th. and one in co-supervision at a foreign university, supervision of many postgraduate research theses and undergraduate projects.
<p><i>Characteristic Scientific Publications</i></p>	<ol style="list-style-type: none"> 1. Laopoulos Th., Siskos S., Bafleur M., Givelin Ph., Tournier E., "Design and applications of an easily integrable CMOS operational floating amplifier for the Megahertz range", International Journal of Analog Integrated Circuits and Signal Processing, Vol.7, N.2, 1995 2. Karybakas C.A. and Laopoulos Th., "Analysis of unlocked and acquisition operation of a phase locked speed control system", IEEE Trans. Industrial Electronics, Vol.44, N.1, 1997 3. Laopoulos Th., Neofotistos P., Kosmatopoulos C., and Nikolaidis S., "Measurement of Current Variations for the Estimation of Software-related Power Consumption", IEEE Transactions on Instrumentation and Measurement, Vol.52, N.4, 2003

	<ol style="list-style-type: none"><li data-bbox="478 100 1460 257">4. Konstantakos V., Kosmatopoulos C., Nikolaidis S., and Laopoulos Th., "Measurement of Power Consumption in Digital Systems", IEEE Transactions on Instrumentation and Measurement, Vol.55, N.5, 2006<li data-bbox="478 268 1460 470">5. Tsiakmakis, K., Laopoulos, T., "An improved tracking technique for visual measurements of ionic polymer-metal composites (IPMC) actuators using Compute Unified Device Architecture (CUDA)", Measurement Science and Technology, Vol.22, N.11, 2011
--	---