

Dimitris Pavlidis has been Research Professor and Director of Emerging Research Programs and at Florida International University (FIU) since 2019. He has been Professor of Electrical Engineering and Computer Science at the University of Michigan, Ann Arbor from 1986 to 2004 and Adjunct Professor since 2004. From 2012 to 2021 he has been Research Professor at Boston University, Department of Electrical and Computer Engineering.

From 2012 to 2018 he has been Program Director at the ECCS Division of the National Science Foundation. As Program Director in Electronics, Photonics and Magnetic Devices (EPMD), he addressed projects on fundamental research issues underlying electronic and optoelectronic component and device technologies and their related materials.

He has been Chaired Professor at Darmstadt University of Technology, Germany (2003 to 2011) and Director of International Relations of the Institute of Electronics, Microelectronics and Nanotechnology (IEMN), Lille, France from 2003 to 2016. During 1980-1985 he was Engineer and Manager of the GaAs Monolithic Microwave Integrated Circuits (MMIC) Department of Thomson-CSF (currently Thales), Corbeville, France.

His research involves various types of semiconductor materials, devices, circuits, nanostructures, and sensors His work on heterostructure devices and materials includes the design, fabrication, and characterization of GaAs, InP-based HEMT's and HBT's, diodes for switching and mixing, GaN-based HFETs and two-terminal devices. His work has been reported in numerous papers and reports and he holds seven patents. He co-authored book chapters on electronic devices and is co-author and Editor of two books on “Vacuum Nanoelectronic Devices – Wiley 2015” and “Fundamentals of Terahertz Devices and Applications – Wiley 2021”.

Professor Pavlidis is an IEEE Fellow for "contributions to the design and technology of heterojunction transistors and monolithic microwave integrated circuits". In 1991 he received the decoration of "Palme Académiques" in the order of Chevalier by the French Ministry of Education for his work in education. He received the 2015 Distinguished Educator Award of the IEEE Microwave Theory and Techniques Society (MTT-S) for achieving outstanding success in the field of microwave engineering and science as an Educator, Mentor, and Role Model for Microwave Engineers and Engineering Students.