

Curriculum Vitae

Personal Details:

Pavlos Pachos, Electrical Engineering, Date of Birth 1960,
Telephone 6973376619

Academic Titles:

PHD Candidate in Power Electronics N.T.U.A. 2013
M.Sc in Production and Energy Management, N.T.U.A. 1999
Diploma of Electrical Engineering, N.T.U.A. 1988

Academic Status:

-Lecturer of the University of West Attica, 2018 -2021
-Professor of Applications T.E.I of Piraeus 2003

Professional Activities:

-Public Telecommunication Company O.T.E, 1986-1987
-Public Company of Electricity, P.P.C., 1987-1988
-Private multi ethnic French Company, for Electrical Solutions
in automation, low voltage, medium voltage, equipment
(Telemecanique - Merlin Gerin -S.E.), as Director of Study and
Project department, 1988-2003

Projects in different sectors

-Energy (Gasoline Treatment, Hydro power, wind power, PPC
Energy Production), Infrastructure (Tunnels, Metro, Water
treatment), Private (Buildings, Factories). deal with design,
construction, execution, supervision, commissioning and start-
up in:

- Automation equipment (PLC's, BMS),
- Low voltage equipment (L.V. Cubicles, CB's, Inverters ...)
- Medium Voltage (M.V. Switchboards)
- Power Substation, outdoor or indoor

Attended seminars on:

- Service of electrical equipment
- How to Study, design, execute and supervise projects with
electrical equipments
- Study of compensation and harmonics in electrical networks
- Contract Management
- Tender Management
- Effective meetings
- Leadership
- People management

Research

-G.Ch. Ioannidis, C.S. Psomopoulos, S.D. Kaminaris,
G.A.Vokas, P.Pachos,S.Tsiolis and S.N. Manias,
“Investigation of the Possibility of Energy Saving in dc
Motor Driving Systems in the Hellenic Territory: Methodology
& Early Results”,presented in the 8th Mediterranean
Conference on Power Generation, Transmission, Distribution

and Energy Conversion (MEDPOWER 2012), 1-3 October 2012, Cagliari, Italy...

-Spyridon V. Giannoutsos, Pavlos Pachos, and Stefanos N. Manias, Performance Evaluation of a Proposed Gate Drive Circuit for Normally-ON SiC JFETs used in PV Inverter Applications IEEE ENERGYCON_2012 EC-1288, Presented in the International Conference in Italy

- G.Ch.Ioannidis, C.S.Psomopoulos, S.D.Kaminaris, P.Pachos, H.Villiotis, S.Tsiolis,P.Malatestas, G.A.Vokas and S.N. Manias,

“AC-DC & DC-DC Converters for DC Motor Drives: Review of basic topologies”, accepted for presentation in the International Conference on Electronics and Communication Systems 2013 (ECS 2013), 16-19 July 2013, Rhodes, Greece.

-G.Ch. Ioannidis, C.S. Psomopoulos, S.D. Kaminaris, G.A.Vokas, P. Pachos and S.Tsiolis, " Energy Savings & Power Quality in dc Motor Driving Systems in the Hellenic Territory: Methodology & Early Results", presented in the 7th scientific international conference (e-RA 7), September 2011, Egaleo, Greece.

- N.Korakianitis, A. Theodorakis, G. Vokas, P.Pachos :Simulation of Wireless Power Transfer on Electric Vehicles Charging System, May 2021 Conference Athens, Greece.

Teaching Experience

- Power Electronics
- High Voltage
- Reliability and Quality Control
- Industrial Electronics
- Industrial Automations
- Electric Drives