

Curriculum Vitae

Chairman and CEO of the PAP-LENR Technology Company

Prof. Christos D. Papageorgiou

Address : Nymfon 1b, 14563 Kifissia, Athens, Greece

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Email chrpapag@gmail.com

STUDIES:

1961-1966 Mechanical & Electrical Engineer of National Technical University of Athens (NTUA).

1976-1979 PhD Imperial College, London University (Scholar of Greek National Scholarship foundation).

ACADEMIC CAREER:

1970-1975 Prof University of West Attica (Electrical technology)

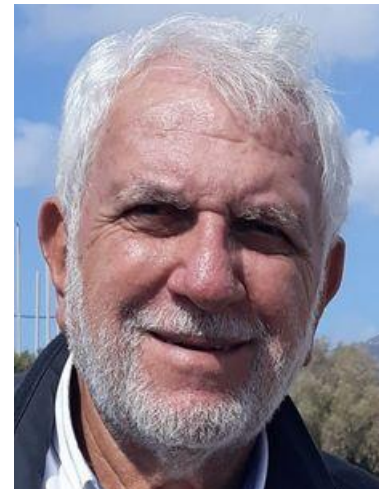
1979-2010 Assoc. Prof. of NTUA (Electromechanical systems of Thrust & Power) 1986-1989 Senate Member of NTUA.

1987-1988 Member of Executive Committee of Chania Technical University.

Main Scientific Papers are shown in RESEARCHGATE

https://www.researchgate.net/profile/Christos_Papageorgiou3/contributions

317.7 Research Interests, 478 Citations, 10,751 Reads



PROFESSIONAL MANAGEMENT CAREER:

Primary Governmental Positions:

1981-1983: Deputy CEO of National Hellenic Railways.

1983-1985: CEO of OLYMPIC AIRWAYS.

1986-1987: CEO of PYRKAL (Main Defense Industry in Greece).

1988-1989: CEO of National Hellenic Railways.

1994-1995: Chairman of "PAEGA" SA (subsidiary of "National Bank of Greece").

1996-1997: Chairman of National Hellenic Railways.

Primary Private Sector Positions:

1990-1996: Member of board at "VERNICOS YACHTS" S.A.

2000-2004: President of VERA VIA S.A. (an express freight airline company)

ACADEMIC INTERESTS:

Solar Chimney Technology (Inventor of Hybrid PV+ Solar Chimney technology)
Renewable's Energy Systems.

Electromagnetic Applications for Power and Propulsion Systems.

Electro-Magnetic Theory and Quantum Mechanics

Low Energy Nuclear Reactions (LENR) Technologies

RECENT BUSINESS ACTIVITIES:

CEO and President of the PAP-LENR Inc. Company www.pap-lenr.com focused on Low Energy Nuclear Reaction (LENR)

Main Partner of KVL Electric P.C. www.kvlelectric.com under establishment

HOBBIES:

Mathematics, Philosophy and History

MY BOOKS in NTUA:

1. Ευθύγραμμοι Κινητήρες

(Linear Motors)

2. Κύματα- Από τον Ηλεκτρομαγνητισμό στην Κβαντομηχανική

(Waves-from Electromagnetism to Quantum Mechanics)

Secretary of the Board of Directors

Dimitra Papageorgiou

Contact

Tel :6977765846

email: dpapageorgiou8@gmail.com

Education

1996-1997: UNIVERSITY OF EAST LONDON, ROYAL DOCKS
BUSINESS SCHOOL
MASTER'S in HUMAN RESOURCE MANAGEMENT

1989-1993: UNIVERSITY OF PIREAUS
BSc OF BUSINESS ADMINISTRATION, 2nd major ADMINISTRATION OF EUROPEAN &
INTERNATIONAL ORGANIZATIONS

2010: NATIONAL KAPODESTRIAN UNIVERSITY (e-learning)
CERTIFICATE IN PSYCHOTHERAPY

1986-1989: KIFISSIA PUBLIC SCHOOL
HIGH SCHOOL DIPLOMA

Working Experience

December 2021-To date: EXECUTIVE ASSISTANT, EMBASSY OF THE SYRIAN ARAB
REPUBLIC IN ATHENS.

2018-To date: PERSONAL ASSISTANT TO H.E. THE AMBASSADOR OF THE I. R. OF
AFGHANISTAN TO THE HELLENIC REPUBLIC (Politics, Diplomacy).

2017-2018: EXECUTIVE ASSISTANT, RESPONSIBLE FOR POLITICAL AFFAIRS & PUBLIC
RELATIONS TO M.P. (Politics, Parliamentary Affairs). Dr. Dionysia-Theodora
Avgerinopoulou, Member of the Hellenic Parliament

2014 - To date: CULTURAL & ENVIRONMENTAL EDUCATION (Unpaid work)
Goulandris Natural History Museum (Philanthropism. Non-Profit).

2010-2016: EXECUTIVE ASSISTANT TO CEO
Green Chimney Technologies P.C. (Energy, Renewables).

1999-2016: FOUNDER, GENERAL MANAGER AND PUBLISHER



Pisces Editions Ltd (Publications).

languages

greek (excellent Command)

English (excellent command)

French (very Good command)

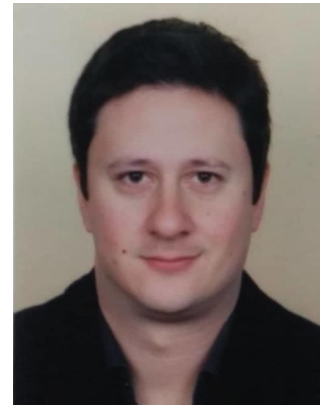
russian (MODERATE command)

Chinese mandarine (HSK LEVEL 3)

Chief Technology Officer

Dr Euripides I. Georgantzos

Dr Euripides I. Georgantzos acquired his first **Bachelor's degree in Business Management** from the University of LaVerne California. He then proceeded to acquire a second **degree in Informatics and Telecommunications** from the Peloponnese University in 2011, Greece
And a **Ph.D. degree in Fiber Optics** from the same University.



He has been working as a software engineer since 2011
Currently working for Esteam.se, a software company that specializes in language technology, translation and taxonomization.

Chief Operating Officer

Dr Georgios (George) Kyriakou

george.kyriakou@botfactory.co

(917) 705-7593

EDUCATION

NYU-Tandon, PhD under Prof. Shivendra Panwar (Sep 2011 – May 2018) **Brooklyn, NY**
Department: Electrical and Computer Engineering

Thesis: Delay Analysis, Prediction and Improvement in Wireless Ad Hoc Networks

University of Thessaly, Master of Science under Prof. Korakis, Prof. Tassioulas (2010 – 2011) **Volos, Greece**

Department: Computers, Telecommunications and Network Engineering

Thesis: Optimal Identification of Channel and Collision Errors in Wireless Networks using MadWiFi Driver

WORK EXPERIENCE

BotFactory, Inc. (2019 – Present) Queens, NY

Chief Operating Officer, Shaping Organizational Direction

- Responsible for the shaping and execution of BotFactory's strategy, alongside the C-executives and the Board
- Coordinated the budgets, expenses, and projections, while monitoring and accounting for market fluctuations
- Built company-wide processes, putting a strong emphasis on establishing a people-first company culture

BotFactory, Inc. (2017 – 2019) Queens, NY

Chief Operating Officer, Contributing Through Others

- Created and managed BotFactory's Production and Quality Control (QC) team (five members), achieving a return-to-failure rate less than 1%, while slashing production costs using data-driven process improvements
- Doubled the throughput yield year after year by identifying weaknesses and developing the skills of others
- Developed a wider business perspective and coordinated the main entities of the company (R&D, Production, Sales/Marketing, Finance), aligning efforts according to the company's strategy and vision

BotFactory, Inc. (2015 – 2017) Queens, NY

Chief Operating Officer, Contributing Independently

- Orchestrated the creation and maintenance of BotFactory's Supply Chain, Bill of Materials (BoMs), and key metrics to identify and alleviate bottlenecks, keeping scalability as a priority
- In charge of the inventory, consisting of over 1,000 unique parts, aiming to minimize downtime and locked capital
- Managed the vast majority of the business contracts and oversaw a yearly budget of \$250,000

BotFactory, Inc. (2013 – 2015) Brooklyn, NY

Co-founder, Helping and Learning

- Bootstrapped a hardware startup going from inception, to prototype, to production generating \$1M in revenue
- Used the business experience of the founding team to master the agile methodology to better operate under strict time and budget constraints
- Formulated, solved and implemented optimization functions using Python and C in the system's firmware

AT&T Labs (Jun 2013 – Aug 2013) Middletown, NJ

Intern in Analytical Research on VoLTE

- Scrutinized the parameters affecting the QoE of the users and the efficiency of the wireless spectrum, given the imminent VoLTE rollout. Formulated and solved the system as a feasible optimization problem in MATLAB
- Thorough analysis of multiple "what-if" simulated scenarios revealed overlooked parameters, vastly impacting fairness of the current system. Solutions complying with the strategic goals of the corporation were engineered

NYU-Tandon (Sep 2012 – May 2015) Brooklyn, NY

Head TA, Lab Admin and Lab Proctor in Internet Architecture and Protocols (TCP/IP)

- Mentored graduate students through manual inspection and adjustment of network protocols in a hands-on environment equipped with Cisco routers. Students got exposed to various error detection and recovery scenarios
- Efficiently managed a TA team of 7 PhD candidates to provide timely and quality academic resources for students
- Served as a part-time teacher assistant for Network Protocols course. Facilitated subject-matter dialogue and encouraged students to develop critical thinking regarding internet protocol activity and process enhancements

PROJECTS

Lock-in Phenomenon in CSMA/CA (Jan 2016 – May 2018) NYU

Researcher

- Identified underutilization artifacts in CSMA/CA occurring in dense networks causing an increase in delay variance
- Developed a distributed on-line game theoretic approach to increase the utilization and fairness of the system
- Proposed an implementation of the solution for the drivers following the current 802.11 protocol

Opportunistic Communication (Mar 2014 – Dec 2014) CERDEC U.S. Army, NYU

Researcher

- Formulated the diffusion of data in MANETs and the probability distribution of the delay using a Markovian model
- Evaluated the analysis through a rigorous multi-agent traffic JAVA simulator with MASON framework

DARPA Spectrum Challenge (Jan 2013 – Mar 2014) DARPA, NYU

Member of a Team of 3 Analysts, representing NYU-Polytechnic

- One of the top 16 surviving teams out of 91 represented by world's top universities and industries
- Engineering novel strategies using USRPs and Python/C++ based GNURadio framework to guarantee successful data reception in an environment with conflicting concurrent objectives and scarce wireless resources

Member of the R&D team of experts

Emmanuel Protonotarios Emeritus Professor

E-mail: protonot@cs.ntua.gr , emmanuel.protonotarios@gmail.com

Phone: +30 210 772 2533



Emmanuel N. Protonotarios is Professor Emeritus of the NTUA Electrical and Comp. Engineering Department, where he has been a full Professor of the School of Electrical and Computer Engineering since 1973.

He graduated NTUA in 1963 receiving the highest GPA in the first 100 years of NTUA.

During his studies in the School for Electrical and Mechanical Engineering he received 9 awards. Fullbright, the Institute of International Education, BOESE, Higgins and National Science Foundation Scholarships and Grants have been awarded for this EngSc.D. Doctor of Engineering Science from Columbia University between 1963-6. He has lectured in Columbia, Cornell, Brown, Princeton Universities and Bell Laboratories.

Professor Protonotarios has served as Chairman of the Department of Electrical Engineering for two terms 1980-83, 1983-88 and as NTUA's Vice Rector at the young age of 43.

He is the author or co-author of 200 journal papers published mostly in the IEEE Journals and International Conferences on Telecommunications and Circuit Theory, many of which he organised and chaired. He has published a textbook in circuit theory and contributed to H. J. Bullinger's book on Information Technology for Organizational Systems.

Professor E.N. Protonotarios supervised the completion of 60 Ph.D. theses and more than 600 BSc and MSc theses on information and telecommunication technologies.

Teaching experiences include serving as Assistant Professor of the Department of Electrical Engineering of Columbia University (1968-73), Visiting Professor of the Department of Electrical Engineering of the University of Patras (1970-71) and Fellow at the National Defence Research Centre (1970). Two years at Bell Telephone Laboratories from 1966 to 1968, Professor Protonotarios did research and development work and lectured on applications of the theory of stochastic processes for linear signal processing in telecommunications.

Professional experiences include serving as President of the National Research Institute (1981-83), National Representative of the ESPRIT program, President of the State Scholarships Foundation, Member of the Onasis Scholarship Foundation and Founding Member of the Steering Committee for the Technical University of Crete (1982-88).

Member of the R&D team of experts

Theophanes E. Raptis

Birth Date : April 3rd, 1965
Residency : Lefkosias 23 Str., 112 53, Athens, Greece
Tel. : +30 2108677509 / 2231308656
Mob : +30 6979780381
e-mail : traptis@protonmail.com
raptis.theophanes@gmail.com
github : <https://github.com/rtheo>



Mr Theophanes Raptis has worked as a **research assistant** in EU research projects at the R&D Unit of the Division of **Applied Technologies, in the NCSR “Demokritos” institute**.

He is also collaborating with the Physical Chemistry laboratory, Dept. of Chemistry in the University of Athens as well as the El.-Eng. Dept. of the Technical Education Institute of Piraeus.

He holds a BSc in Physics from the University of Crete (1995) and he has followed a post graduate training in theoretical physics from the physics sector of the National Technical University of Athens under a PhD scholarship from the Material Science Institute, NCSR Demokritos (1997-1999).

He has worked in Protein Folding and Molecular Dynamics problems.

His research interests include computational physics applications, computational modeling and simulation of physical and abstract dynamical systems, cellular automata and complex systems. He is experienced in using FORTRAN, C, MATLAB in the context of such applications and he also has basic knowledge of MAPLE, REDUCE, Maxima programming environments.

Among others, he has developed programs for a special suite of Molecular Mechanics, Monte-Carlo Optimization of polymeric structures and post-processing of Molecular Dynamics trajectories. The suite is constantly under development in cooperation with Dr Vasilios Raptis, currently in FORTH, Heraklion, Crete.

He has a number of publications including articles in peer reviewed journals and ArXiv preprints as well as an **essay, titled Techno-Feudalism, discussing some far-reaching social consequences of massive introduction of advanced technologies**.

He has been awarded a patent from the Greek Industrial Property Organization (OBI) for an Artificial Volition Method in Autonomous Robotics.