

SHORT RESUME

PERSONAL INFORMATION	
FULL NAME	ANDREAS CHRYSOCHOS, PhD, MBA, MMath
PLACE & DATE OF BIRTH	Rhodes, 17/10/1986
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STUDIES

2018 - 2023	MSc in Mathematics (MMath) School of Science and Technology of the Hellenic Open University Grade: 9.06 / 10 - Honors Thesis title: <i>"Applications of modified method of auxiliary sources to problems of electromagnetic excitation of multilayer scatterers"</i>
2017 - 2019	PostDoc in Electrical and Computer Engineering School of Electrical and Computer Engineering of the Democritus University of Thrace Thesis title: <i>"Applications of narrowband power-line communication in power transmission and distribution networks"</i>
2015 - 2017	MSc in Business Administration (MBA) School of Business Administration of the University of Macedonia Grade: 9.67 / 10 – Honors, 1st place among all students graduated Thesis title: <i>"Multicriteria decision making using TOPSIS method and fuzzy logic"</i>
2010 - 2015	PhD in Electrical and Computer Engineering School of Electrical and Computer Engineering of the Aristotle University of Thessaloniki Grade: Honors Thesis title: <i>"Improved frequency-dependent transient transmission line model"</i>
2004 - 2009	BSc + MSc in Electrical and Computer Engineering School of Electrical and Computer Engineering of the Aristotle University of Thessaloniki Grade: 9.46 / 10 – Honors, 1st place among all students graduated Thesis title: <i>"An initial approach to the transient simulation of overhead and underground transmission lines in frequency-domain"</i>

PROFESSIONAL ACTIVITY

2017 - Present	R&D Department of Hellenic Cables 2026 - Present: Director
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	2023 - 2025: Senior Manager 2022 - 2023: Principal Engineer 2020 - 2022: Associate Principal Engineer 2017 - 2020: Senior Engineer
2015 - 2017	Research Fellow in the School of Electrical and Computer Engineering of the Aristotle University of Thessaloniki
2012 - 2017	Freelancer as Electrical & Computer Engineer

PROFESSIONAL BODIES & ASSOCIATIONS

2023 - Present	Member of the EuropaCable 2023 - 2025: Member of FlatEMF study team "Impact of subsea electricity cables on marine wildlife"
2022 - Present	Member of the Hellenic Organization for Standardization (ELOT) 2022 - Present: Greek Representative in IEC TC 20 WG 19 "Current rating and short-circuit limits of cables"
2019 - Present	Member of the International Council for Large Electric Systems (CIGRE) 2026 - Present: Regular Member of CIGRE SC B1 "Insulated cables", representing Greek National Committee 2024 - 2026: Observer Member of CIGRE SC B1 "Insulated cables", representing Greek National Committee 2026 - Present: Member of CIGRE WG B1.101 "Recommendations for testing of DC superconducting cable systems" 2023 - Present: Member of CIGRE WG C4.74 "Accurate line and cable models for steady-state and transient studies" 2019 - Present: Member of CIGRE WG B1.70 "Recommendations for the use and the testing of optical fibres in submarine cable systems" 2018 - 2023: Affiliate Member of CIGRE WG B1.64 "Evaluation of losses in armoured three core power cables"
2015 - Present	Member of the Onassis Scholar's Association
2010 - Present	Member of the Technical Chamber of Greece
2008 - Present	Senior Member of the Institute of Electrical and Electronics Engineers (IEEE) 2026 - Present: Member of IEEE WG P3990 "Guide for electromagnetic transient analysis and simulation of submarine power cables"

COMPETENCIES & SKILLS

Managerial	Determination of R&D project objectives Delegating tasks and overseeing the work performance of 14 R&D engineers Direction of a group of 30+ interdepartmental project managers
Core	Focusing on qualitative results and excellence Initiative and adaptability Effective and clear communication Cooperation and teamwork
Professionalism	Knowledge of product development process

Organizational	Innovation and creativity, while thinking out of the box Agile and time efficiency Analytical skills with attention to detail
Software	MATLAB <i>Custom-made scripting including the development of GUI</i> <i>Use of numerical methods for solving various problems, e.g., data fitting, differential equations, nonlinear set of equations, optimization problems, symbolic scripting, etc.</i> COMSOL Multiphysics <i>Experienced with the following modules: AC/DC, Heat transfer, Fluid flow, Chemical species transport, Mathematics and optimization</i> EMT <i>Experienced with the following software: ATP, EMTP, PSCAD-EMTDC</i> CDEGS <i>Experienced with the MultiFields package</i> CYMCAP, Cableizer, CYMGRD, Mathematica, NEPLAN, OpenDSS

RESEARCH INTERESTS

	Multi-physics modeling of power transmission lines, cables and accessories Modeling and analysis of electromagnetic transients Earth conduction effects in overhead lines, cable systems and grounding grids Power-line communication
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RESEARCH ACTIVITY

	European and national funded research projects: 10 Theses: 5 Peer-reviewed book chapters: 1 Peer-reviewed journal papers: 42 Peer-reviewed conference proceedings: 71 Technical articles: 13 Invited speeches: 7
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RESEARCH IMPACT

Google Scholar	Citations: 1641, h-index: 23
Scopus	Citations: 1225, h-index: 20

REVIEWING ACTIVITY

Journals	Several IEEE Transactions, Elsevier and IET journals
Conferences	IEEE PowerTech 2017, IPST 2023, CIGRE Session 2024, CIGRE Symposium 2025 in Norway, CIGRE Symposium 2025 in Canada, IPST 2025

TEACHING ACTIVITY

2011 - 2015	Teaching Assistant in 3 undergraduate courses
2010 - 2017	Supervision of 7 diploma theses

FOREIGN LANGUAGES

English	University of Michigan, C2 City & Guilds, IESOL & ISESOL, C2
German	Goethe Institut, ZMP Mittelstufe, B2

SCHOLARSHIPS & AWARDS

2025	6 th award from University of Macedonia for ranking among the top 10 graduates by GPA in the MBA program's 30-year history.
2017 - 2019	Postdoctoral scholarship from the State Scholarships Foundation of Greece
2015 - 2017	Two consecutive awards from the Chamber of Commerce and Industry of Thessaloniki for the postgraduate studies at University of Macedonia
2016 - 2017	MBA scholarship from the Alexander S. Onassis Public Benefit Foundation
2015 - 2016	MBA scholarship from University of Macedonia
2012 - 2015	PhD scholarship from the Alexander S. Onassis Public Benefit Foundation
2012 - 2013	Honorary PhD scholarship from the Research Committee of Aristotle University of Thessaloniki
2009	1 st award from the Technical Chamber of Greece for the graduation from the School of Electrical and Computer Engineering in Aristotle University of Thessaloniki
2009	1 st award from the Public Power Corporation S.A. of Greece for the graduation from the School of Electrical and Computer Engineering in Aristotle University of Thessaloniki
2005 - 2009	Four consecutive awards from the State Scholarships Foundation of Greece for the undergraduate studies at the School of Electrical and Computer Engineering in Aristotle University of Thessaloniki
2004 - 2009	Five consecutive honorary scholarships from the State Scholarships Foundation of Greece for the undergraduate studies at the School of Electrical and Computer Engineering in Aristotle University of Thessaloniki

SEMINARS & INTERNSHIPS

2025	28-day seminar on "Six Sigma DMADV Methodology Black Belt"
2024	12-day seminar on "Six Sigma DMAIC Methodology Black Belt"
2022	2-day seminar on "EMTP - Renewable energy sources integration"
2018	3-day seminar on "DNV-GL training course - HVDC power cables"
2017	2-day seminar on "EMTP-RV - Power systems transients"

2017	16-hour seminar on “Internal auditor for integrated management systems ISO 9001:2015 / ISO 14001:2015 / OHSAS 18001:2007”
2016	12-hour seminar on “Multicriteria decision aid with PROMETHEE & GAIA. How to make better and more sustainable decisions”
2011	1-month seminar on the “Academic / professional use of English language. Conference techniques in English: Research article abstracts, conference presentations, research articles”
2008	2-month internship in the Public Power Corporation S.A. of Greece

VOLUNTEERING

2024 - Present	The Tipping Point
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