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CURRENT POSITIONS

2019 - Currently **Professor** of Process Control, Department of Industrial Engineering and Management, International Hellenic University.

2011 - Currently **Collaborating Faculty Member**, Laboratory of Process Systems Design and Implementation, CPERI/CERTH, GR

PREVIOUS POSITIONS

1997 - 2019 **Professor** of Process Control, Department of Automation Engineering, ATEI of Thessaloniki, Head of Process Control / SCADA laboratory.

2015 - 2017 **Head of Department of Automation Engineering**, ATEI Thessaloniki.

2002 - 2003 **Head of Electronics Division** of Department of Automation Engineering, ATEITH

1994 - 1997 **Assistant Professor of Process Control**, Department of Automation Engineering, ATEITH.

1992 - 1994 Part time Professor of Process Control, Department of Automation, ATEITH.

1989 - 1994 **Chemical Engineer** in EKO Refinery, Design and Systems Analysis, Equipment and Materials.

1988 - 1990 **Lecturer of Systems Dynamics and Control**, Dep. of Chemical Engineering, AUTH.

1988 - 1989

Research Associate, Chemical Process Engineering Research Institute, Thessaloniki, Gr.

1982 - 1988 **Research and teaching assistant**, Inst. for Systems Dynamics and Control, Universitaet. Stuttgart, by Prof. E. D. Gilles, Germany.

EDUCATION

9. 1982 – 3.1988 **Dr. -Ing**, Institute for Systems Dynamics and Control, University of Stuttgart, Germany, by Prof. em. Dr. Ing Dr. h. c. mult. E.D. Gilles

10.1977 - 07.1982 Chemical Engineering Department, Aristotle University of Thessaloniki, Greece

SCHOLARSHIPS/AWARDS AND DISTINCTIONS

1983-1988: Scholarship for Ph.D. Studies, Deutscher Akademischer Austausch Dienst (**DAAD**), (Council of Europe Higher Education), Inst. Systemdynamik und Regelungstechnik, Uni. Stuttgart

1977: Award/Scholarship for Excellent Performance, State Scholarships Foundation of Greece (IKY).

1977: Anatolia College Award for Excellent Performance (ranking 3rd).

EDITORIAL BOARD MEMBERSHIPS

Editor: special issue of *Energies* (ISSN 1996-1073): [Energy Management Strategies \(EMSs\) Based on Energy Storage Systems \(ESSs\)](#)

ELECTORAL BODIES MEMBER AND PHD SUPERVISOR AND EXAMINER

Member of Electoral Bodies and advisory committees for the election of Faculty Members

Supervisor of PhD students:

2025: **D. Trigkas**, Optimal Energy Management Strategies of autonomous and connected microgrids, IHU, Gr.

Co-supervisor of PhD students:

2026: **G. Gravanis**, Fault detection of processes using deep learning methodologies, IHU, Gr.

2026: **A. Kafetzis**, Advanced Control Methods for Energy Storage Systems, AUTH, Gr.

2020: **Bassey Etim Nyong-Bassey, Adaptive** Power Pinch Analysis for Energy Management of Hybrid Energy Storage Systems, Bassey Etim Nyong-Bassey, Newcastle University, UK.

2018: **A. Kyriakidis**, Holistic Optimal Design and Control of Intensive Systems of Hydrogen Production, AUTH, Gr.

2013: **C. Ziogou**, Modelling, Optimization and Control of an Integrated FC System, Uni. of west Macedonia, Gr.

2024- ...: **M. Mouratidis**, «Modeling and Simulation of Reaction and Transport Phenomena in High Temperature Heat Storage Systems Integrating Redox Thermochemistry», Chemical Eng. Dep. AUTH.

2025-...: **K. Papavasiliou**, «Modeling, Simulation, System and Hydrotreatment Processes with renewable feedstocks, Chemical Eng. Dep. AUTH.

PhD thesis examiner:

2026: **A. Kafetzis**, Mechanical Engineering Department, AUTH, Gr.

2026: **A. Voutetaki**, Mechanical Engineering Department, AUTH, Gr.

2026: **G. Gravanis**, Dep. Of Informatics and electronic Systems Engineering, IHU, Gr.

2025: **D. Trigkas**, Dep. Of Industrial Engineering and Management, IHU, Gr.

2024: **P. Kazepidis**, Mechanical Engineering Department, AUTH, Gr.

2024: **V. Koidi**, School of Science and Technology, IHU, Gr.

2019: **Yara Jamil Saleem Khawajai**, Newcastle University, UK.

2018: **A. Kyriakidis**, Mechanical Engineering Department, AUTH, Gr.

2013: **C. Ziogou**, Informatics Engineering and Telecommunications Department, Uni. of West Macedonia, Gr.

2011: **D. Ipsakis**, Chemical Engineering Department, AUTH, Gr.

RESEARCH PROJECTS (2021-2026)

2026-2029: ODYSSEV, Optimised Dynamics of high voltage powertrains: developing Sustainable Systems for electric Vehicles, HORIZON-CL5-2024-D5-01 Project Nr. 101192612, at PSDI/CPERI/CERTH

2026-2029: METHCESFUEL, RENEWABLE METHANOL-BASED SYNTHETIC MULTIFUEL PRODUCTION HORIZON-CL5-2024-D3-02, Project 101235215

2025-2028: HySeas, Hydrogen from Seawater Electrolysis, HORIZON-JTI-CLEANH2-2024-01-03, Project Nr. 101192418, at PSDI/CPERI/CERTH.

2025-2029: RESCUE, Reliable and Efficient Dual Fuel System for Civil Protection during Natural Disasters using HT-PEM Technology, HORIZON-JTI-CLEANH2-2024-04-01, Project 101192169

2024-2028: ABATE, ADVANCED BIO-BASED REFINERY INTERMEDIATES HORIZON-CL5-2024-D3-01-03, Project 101172958

2023-2029: EPHYRA, Establishing European Production of Hydrogen from RenewAble energy and integration into an industrial environment, HORIZON-JTI-CLEANH2-2022-01-08, Project 101112220

2022-2025: CEEGS, NOVEL CO2-BASED ELECTROTHERMAL ENERGY AND GEOLOGICAL STORAGE SYSTEM, HORIZON-CL5-2021-D3-03-02, Project 101084376

2021-2023: FLAWLESS, at PSDI/CPERI/CERTH.

Publications: Scopus 132, google scholar: 144

Scopus hindex: 22

Citations: Scopus: 1790, google scholar: 2386