

Short Curriculum Vitae

Personal Information

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Current Position

Professor, Director of the “Advanced Materials and Devices” Laboratory, Section of Applied and Environmental Physics, Department of Physics, Aristotle University of Thessaloniki, Greece.

Studies

Ph.D. in Solid State Physics (School of Physics, AUTH, 2003), M.Sc. in Materials Physics (School of Physics, AUTH, 1998), B.Sc. in Physics (School of Physics, AUTH 1993).

Research activity and interests

Technology, growth and X-ray characterization of thick coatings as evident by several related publications dated back to 1996. Research interests: I) Growth of thick coatings, thin films and nanostructured materials with chemical and physical deposition methods (Hot dip galvanizing, thermal spraying, CVD, electrodeposition, sputtering, cathodic-arc PVD), II) Structural characterization using X-ray techniques [X-ray diffraction (XRD) and X-ray photoelectron Spectroscopy (XPS)]. Study of corrosion resistance of the as formed materials and coatings. Investigation of the oxidation mechanisms and the resistance of the materials.

Active and dominant role in the installation and management of the experimental set ups (growth, synthesis and X-ray characterization techniques).

Teaching experience

Extensive undergraduate teaching experience, including 10 courses offered by the Departments of Physics, Geology, and Mechanical Engineering, Faculty member in 5 Master's Degree Programs, Teaching experience in higher and vocational education, including technological institutes and public vocational training institutes.

Projects & Research Activities

Participations in thirty (30) research and developing programs and partnerships (coordinator in eight of them). Supervisor of 4 Ph.D. theses, 15 M.Sc. theses, 4 postdoctoral researchers and co-supervisor of 15 Ph.D. theses. Member of national and international scientific societies. Member of 7 organizing and program committees. More than 270 research papers/announcements presented in 150 conferences and schools, reviewer in 21 journals.

Bibliometric Data:

<i>Doctoral Thesis</i>	1
<i>Publications in peer review International Journals</i>	212
<i>Publications - Abstracts in International Conference Proceedings</i>	277
<i>Publications - Abstracts in Local Conference Proceedings</i>	112
<i>Chapter Books</i>	1
<i>Journals outside of ISI Web of Science</i>	3
<i>Publications in peer review Greek Journals</i>	5
<i>Patents</i>	1
<i>Sum of Citations [Citations (without Self-Citations)]+ Self Citations (Scopus, ISI Web of Knowledge, Scholar Google)</i>	5162
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Additional academic activities

1. Member of Committees of the Department of Physics (AUTH)

a) Committee responsible for the Computer Infrastructure of the Department and support team (2007-2009), b) Seminars Organizing Committee 2007-2009), c) Statistical Data Collection Committee (2009-2012), d) Committee responsible for the Studies Guide and Modulus (2010-2011), e) Committee on Undergraduate Students Laboratory Courses (2012-today).

2. Member of Committees of AUTH

a) Large Interdepartmental Experimental Equipment Committee (2019-today), b) Vice Chair, Committee on Research Ethics (Law 4521/2018) (2020–Present), Member, School of Science Gender Equality Committee (2025–Present).