

Curriculum Vitae

Personal Information

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Google Scholar Profile: <https://scholar.google.ro/citations?user=ZOI2sTkAAAAJ&hl=ro>

ResearchGate Profile: <https://www.researchgate.net/profile/Daniel-Constantin-Anghel>



Current Position

Professor, PhD, Engineer at the National University of Science and Technology, Politehnica Bucharest, University Center of Pitești, Faculty of Mechanics and Technology, Department of Manufacturing and Industrial Management

Vice Dean of the Faculty of Mechanics and Technology

Trainer at DACIA RENAULT in "Automobile Project Engineering" for disciplines like Project Management, Value Analysis, and Innovative Product Management and Marketing

Trainer at the Muntenia Training Center

Member of the Professional Association in Modern Manufacturing Technologies

PhD Supervisor in Industrial Engineering

Education

1994-1999: Bachelor's Degree in Managerial and Technological Engineering, University of Pitești, Faculty of Mechanics and Technology

Degree: Engineer, TCM (Technical Construction of Machinery)

License Diploma No. 510 issued by the University of Pitești, 17.05.2000

1999-2001: French-Romanian Master's Program at the University of Pitești, with practical training at the RENAULT Technocentre, Guyancourt, France.

Thesis: Characterization of mechanical properties of thin-walled tubes used in exhaust lines

Master's Diploma No. 24 issued by the University of Pitești, 16.05.2002

2001-2007: PhD studies at the University of Pitești and Université de Technologie de Belfort-Montbéliard, France

Thesis: Contribution to the analysis of iterations in the design process: proposal of performance evaluation indicators

PhD Diploma No. 09, 21.04.2008

2023: Habilitation Certificate No. 6399/27.09.2023 for the thesis Contributions to product functional design and workplace ergonomics

Professional Experience

2005-2007: ATER (Temporary Research and Teaching Assistant), Université de Technologie de Belfort-Montbéliard, France: Research and seminar responsibilities in Microcomputers and Applications, Production and Inventory Management, and Innovation in Materials

1999-2002: University of Pitești, Department of Technology and Management, Junior Teaching Assistant: Laboratory work in Computer Graphics and Material Technology

2002-2008: University of Pitești, Assistant Professor, Department of Technology and Management: Courses: Product Design, Material Technology, Technical Drawing

2008-2019: University of Pitești, Lecturer, Department of Manufacturing and Industrial Management: Courses: Product Design, Ergonomics, Integrated Product Manufacturing

2019-2023: Associate Professor at the University of Pitești, Department of Manufacturing and Industrial Management

2024-present: Full Professor at the National University of Science and Technology Politehnica Bucharest, University Center of Pitești, Department of Manufacturing and Industrial Management

Research Projects

2015-2017: Member of the research team for the project Mobile detector for detecting explosives and drugs by Nuclear Quadrupole Resonance (NQR)

2015-2017: Participation in the Solar Facilities for European Research Area (SFERA-II)
Transnational projects FP7 European Commission

Research on thermal shock effects on alloys like Zircaloy-4, Inconel 718, and Shape Memory Alloys

2022: Project Director for The Influence of Sintering Temperature on the Structure and Properties of
Ceramics, Horizon 2020

Scientific Publications

8 ISI indexed journal articles, 4 in Q2 journals

29 articles in ISI Proceedings, 6 published after the latest promotion

41 articles in indexed scientific events or journals

9 non-indexed articles

46 citations according to Web of Science

Languages

French: C1

English: B1

Awards

Multiple international awards, including a Gold Medal for the innovation Transportable detector and
detection method of explosive substances based on NQR at the Barcelona World Exhibition on
Inventions, Research, and New Technologies, 2017.

Skills

Technical Skills: AutoCAD, Catia V5, MATLAB, Microsoft Office, Visual Basic, Turbo Pascal,
Arduino, HTML

Soft Skills: Ambition, flexibility, initiative, punctuality, planning and organizing, strong communication,
teamwork