

CURRICULUM VITAE

Personal information

First name Ermioni
Family name Pasiou
Phone number +302107721361
E-mail address epasiou@central.ntua.gr

Academic education

- Ph.D.:** 2014, National Technical University of Athens, School of Mathematical and Physical Sciences, Department of Mechanics, Laboratory for Testing and Materials
Supervisor: Professor Stavros K. Kourkoulis,
Title: Connection of ancient monuments' structural members by means of metallic connectors and suitable mortar: Experimental study with the aid of innovative techniques and numerical simulation
- M.Sc.:** 2009, National Technical University of Athens, School of Chemical Engineering, "Protection of Monuments, Sites and Complexes"
Supervisor: Professor Stavros K. Kourkoulis,
Title: Experimental and numerical study of a double "T" shaped connector under pure shear
- Diploma:** 2006, Aristotle University of Thessaloniki, Faculty of Engineering, School of Civil Engineering
Supervisor: Professor Ioanna Papagianni,
Title: Study of the bonding between mortar and bricks

Current Position

- 2023-** Assistant Professor, School of Applied Mathematical and Physical Sciences, National Technical University of Athens, Greece

Previous positions and teaching activity

- 2008-2010:** Teaching assistant of "Experimental Mechanics" in the School of Civil Engineering of the National Technical University of Athens, Greece
- 2009-2013:** Teaching assistant of "Statics" and "Mechanics of Deformable Body" in the School of Applied Mathematical and Physical Sciences of the National Technical University of Athens, Greece
- 2015-** Hourly wage lecturer of "Statics of Rigid Body" and "Kinematics and Dynamics of Rigid Body" in the Engineer Directorate of the Greek Army, Athens, Greece
- 2017:** Hourly wage lecturer of "Experimental Mechanics" in the Department of Civil Engineering of the Faculty of Technological Applications of the Technological Educational Institute of Athens, Greece
- 2017-2023:** Civil Engineer at the restoration project of the Parthenon Temple in Athens, Greece (Acropolis Restoration Service -YSMA, Ministry of Culture and Sports)

Fellowships / Prizes / Awards

- 2002-2003:** Scholarship from the State Scholarships Foundation (IKY) for my performance during the 2nd year of my undergraduate studies (best grade of the year)
- 2010:** Scholarship from the Department of Mechanics of the School of Applied Mathematical and Physical Sciences of the National Technical University of Athens
- 2010-2013:** Scholarship-funding for my PhD dissertation in the frame of the Operational Program "Education and Lifelong Learning" of the National Strategic Reference Framework (NSRF)- Research Funding Program: "Heracleitus II - Investing in knowledge society through the European Social Fund" which was co-financed by the European Social Fund and Greek National Funds
- 2013:** Award for the best oral presentation during the 30th DANUBIA-ADRIA Symposium on Advances in Experimental Mechanics, Primosten, Croatia, 25-28 September 2013

- 2016:** Award for the best research paper of the 72nd Conference of Orthopaedics Surgery & Traumatology, Athens, Greece, 12-15 October 2016
- 2018:** Award for the best research paper 18th Panhellenic Congress on Hypertension, Athens, Greece, 29-31 March 2018
- 2020-2021:** Scholarship “Support for researchers with emphasis on young researchers - cycle B”

Publications in peer-reviewed journals: 77

Publications in conferences proceedings (full texts): 8

Publications in conferences proceedings (extended abstracts): 89

Editor

- ❖ Section editor in the research area “Integrity of materials and structures” of **Fracture and Structural Integrity** journal, since October 2023
- ❖ Co-Guest editor of the special issue ‘Applied Geomechanics’ στο περιοδικό **Simulation Modelling Practice and Theory** (with Professor Zach Agioutantis, University of Kentucky, Lexington, United States)

Conference organization

As Secretary of the Greek Society of Experimental Mechanics of Materials – GSEMM, I played an active role in organizing the following conferences undertaken by GSEMM:

1. 1st International Conference of the Greek Society of Experimental Mechanics of Materials, Athens, Greece, 10-12 May 2018
2. 1st Mediterranean Conference on Fracture and Structural Integrity (MedFract1), Athens, Greece, 26-28 February 2020 (co-organization of GSEMM and Italian Group of Fracture-IGF)
3. 38th Danubia-Adria Symposium on Advances in Experimental Mechanics, Poros island, Greece, 20-23 September 2022
4. 25th European Conference on Fracture – Predicting and Preventing Catastrophic Crack Propagation, Athens, Greece, 06-11 September 2026

Reviewer in 21 scientific journals