



### Academic Personnel Short Profile / Short CV

<b>University:</b>	Neapolis University Pafos
<b>Surname:</b>	Almpani
<b>Name:</b>	Sofia
<b>Rank/Position:</b>	Visiting Lecturer
<b>Faculty:</b>	School of Economics, Business and Computer Science
<b>Department:</b>	Computer Science (MSc in Information Systems and Digital Innovation)
<b>Scientific Domain: *</b>	Artificial Intelligent, Knowledge representation and reasoning, Decision-making

*\* Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Phd	2022	National Technical University of Athens, Greece	School of Electrical and Computer Engineering	Argumentation and Rule-based Logic in Mathematical Proving and Legal AI Applications
MSc	2015	Università Degli Studi Guglielmo Marconi, Italy	Educational Leadership, Management and Emerging Technologies	Teaching of mathematics in Higher Education and E-learning
BSc	2014	University of Athens, Greece	Department of Mathematics	
BSc	2009	Aristotle University of Thessaloniki	Faculty of Education – School of Primary Education	



Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
01/10/2022	current	National Technical University of Athens, School of Applied Mathematical and Physical Sciences	Athens, Greece	PostDoctoral reasearcher
01/09/2025	current	University of Athens, Department of Aerospace Science and Technology	Psachna, Greece	Teaching Assistant
01/09/2023	31/08/2024	University of Athens, Department of Technologies of Digital Industry	Psachna, Greece	Teaching Assistant

**Key refereed journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)**

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2025	A collaborative argumentation framework for goal-oriented reasoning	Gantzounis Asterios, Stefaneas Petros	Requirements Engineering		
2	2025	A Dualistic Interpretation of Mathematical Creation through Art and Argumentation	Stefaneas Petros, Chakraborty Mihir	Journal of Humanistic Mathematics	15(2)	237–273
3	2024	Expressing collective memory through embodied dialogues and audiovisual design: A site-specific performance at a historical quarantine space	Tsantali Eleni, Bitsicas Katina	6th International Conference Digital Culture & AudioVisual Challenges: Interdisciplinary Creativity in Arts and Technology		
4	2023	Bridging Informal Reasoning and Formal Proving: The Role of Argumentation in Proof-Events	Stefaneas Petros	Foundations of Science	30	201–225
5	2023	Formalization of Ethical Decision Making: Implementation in the Data Privacy of Wearable Robots	Stefaneas Petros, Frangos Panayiotis	International Journal of Extreme Automation and Connectivity in Healthcare	5(1)	1–13

6	2023	Formalization of Mathematical Proof Practice Through an Argumentation-Based Model	Stefaneas Petros, Vandoulakis Ioannis	Axiomathes	33(3)	1–28
7	2022	Computational Argumentation for Medical Device Regulatory Classification	Kiouvrekis Yiannis, Stefaneas Petros, Panayiotis Frangos	International Journal on Artificial Intelligence Tools	31(1)	
8	2022	Supporting Ethical Decisions in Wearable Technology with Deontic Logic: A Brief Introduction.	Zafeirakopoulos Dimitris, Stefaneas Petros	Electronic Communications of the EASST	81	
9	2021	Converging Robotic Technologies in Targeted Neural Rehabilitation: A Review of Emerging Solutions and Challenges	Nizamis Kostas, Athanasiou Alkinoos, Dimitrousis Christos, Astaras, Alexandros	Sensors	21(6)	
10	2020	ExosCE: A Legal-based Computational System for Compliance with Exoskeletons CE Marking	Mitsikas Theodoros, Stefaneas Petros, Frangos Panayiotis	Paladyn, Journal of Behavioral Robotics	11(1)	414-427

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	Date	Title	Funded by	Project Role*
1	09/2024 – 01/2025	Mathematical and Argumentation Logic for Compliance and Decision-Making in Explainable AI Scenarios	Scholarship 'Papakuriakopoulos'	Post-doc Researcher
2	04/2025 – 09/2026	AVALANCHE: Detection and analysis of disinformation, hate speech and deep fake in the Web	Horizon	Researcher
3	12/2022 – 12/2024	MakerSpace: A new ecosystem of pedagogical solutions for teaching STEM & the Engineering Design Process using technologies like CAD, 3D printers, and laser cutters	Innovate project	Researcher
4	12/2020 – 05/2023	STEAM2GO: Mobile Makerspaces for promoting maker education in schools	Erasmus+	Researcher
5	04/2021 – 04/2022	GinoBot: Development of a new expandable robot along with a product ecosystem to support STEM education	Innovate project	Researcher
6	01/2019 – 06/2021	INBOTS: Inclusive Robotics for a Better Society	Horizon H2020	Researcher
7	06/2020 – 02/2021	Legicrowd: Building an ontology for AI-based annotations for TOS	Next Generation Internet H2020	Researcher
8	03/2018 – 12/2020	Wearable Robots: Augmentation, Assistance or Substitution of Human Motor Functions	COST 16116	Researcher