

Academic Personnel Short Profile / Short CV

University:	UNIC Athens
Surname:	Fotiou
Name:	Nikos
Rank/Position:	Associate Professor
Faculty:	School of Sciences and Engineering
Department:	Computer Science
Scientific Domain:	Cybersecurity

Academic qualifications				
Qualification	Year	Awarding Institution	Department	Thesis title
PhD	2014	Athens University of Economics and Business, Greece	Department of Informatics	Information-centric networking: security requirements and solutions
MSc	2006	Royal Institute of Technology (KTH), Sweden	Department of Communication Systems	
BEng	2005	University of the Aegean, Greece	Department Information and Communication Systems Engineering	A System for Three-Dimensional Visualization of Medical Data Using VRML and X3D Technologies: Application to Liver Puncture Simulation

Employment history in Academic Institutions/Research Centers				
Period of employment		Employer	Location	Position
From	To			
2015	2026	Athens University of Economics and Business	Athens, Greece	Researcher

Key refereed journal papers, monographs, books, conference publications etc.						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2026	Relationship-based Access Control for Data Spaces	C. Kyriakidou, A. Papathanasiou, V.A. Siris, G. C. Polyzos	Springer, Data Science and Engineering	11	343-359
2	2026	Interacting with IoT Data Spaces Using LLMs and the Model Context Protocol	A. Athanasopoulou, A. Chatzopoulos	MDPI, Sensors	26	1193
3	2025	Enabling Semi-trusted Proxies for Data Spaces	G. Xylomenos	IEEE Conference on Standards for Communications and Networking (CSCN)		1-6
4	2025	Securing firmware updates using Transparency and Traceability services	L. Georgiadis, G.C Polyzos, V.A. Siris	IEEE International Conference on Cyber Security and Resilience (CSR)		1127-1132
5	2025	Access control for data spaces	V.A. Siris, G. C. Polyzos			
6	2024	Secure smart contract-based Digital Twins for the Internet of Things	I. Pittaras, C. Karapapas, V.A. Siris, G. C. Polyzos	Elsevier, Blockchain: Research and Applications	5	100168
7	2024	Data integrity protection for data spaces	G. Xylomenos, Y. Thomas	European Workshop on Systems Security		44-50
8	2023	Self-verifiable Content using Decentralized Identifiers	Y. Thomas, G. Xylomenos, V.A. Siris, G. C. Polyzos	IEEE Conference on Innovation in Clouds, Internet and Networks (ICIN)		54-58
9	2023	Access control for interoperable energy	S.Chadoulos, I. Koutsopoulos, V.A. Siris, G. C. Polyzos	IEEE International Conference on Trust, Security and Privacy		1540-1545

		management systems using Verifiable Credentials		in Computing and Communications (TrustCom)		
10	2021	A privacy-preserving statistics marketplace using local differential privacy and blockchain: An application to smart-grid measurements sharing	I. Pittaras, V.A. Siris, G. C. Polyzos, P. Anton	Elsevier, Blockchain: Research and Applications	2	10002 2

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	2025-2026	Cyber Resilience Act Made Easy (CRA-CY)	Digital Europe	Researcher
2	2025-2026	POSEIDON	Horizon Europe	Researcher
3	2023-2025	TRACE4EU	Digital Europe	Researcher
4	2021-2022	MLDHT for IPFS	ProtocolLabs	Researcher
5	2018-2020	SOFIE	Horizon Europe	Researcher
6	2015-2017	POINT	Horizon Europe	Researcher
7	2011-2013	φSAT	ESA	Researcher
8	2010-2013	PURSUIT	FP7 Europe	Researcher
9	2008-2014	PSIRP	FP7 Europe	Researcher
10	2008-2011	EURO-NF	FP7 Europe	Researcher

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2024 – Now	MDPI	Editorial Board	Academic Editor for MDPI Sensors, Cybersecurity
2	2025	EU ERC	Reviewer	Research proposals reviewer