

Academic Personnel Short Profile / Short CV

University:	UNIC Athens
Surname:	Karapapas
Name:	Christos
Rank/Position:	Adjunct Faculty
Faculty:	Sciences and Engineering
Department:	Computer Science
Scientific Domain: *	Computer Security and Distributed Systems

** Field of Specialization*

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2025	Athens University of Economics and Business	Computer Science	Navigating Security and Privacy Challenges in the Web3 Ecosystem
MSc	2016	Athens University of Economics and Business	Computer Science	Broadcast Encryption
BSc	2013	University of Athens	Mathematics	-

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
9/2026	Now	University of Nicosia	Athens	Adjunct Lecturer
2/2026	Now	Athena Research Center	Athens	Post-Doctoral Researcher
01/2020	09/2020	Athens University of Economics and Business	Athens	Researcher

Key <u>refereed</u> 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	Hello, won't you tell me your name?: Investigating Anonymity Abuse in IPFS	I. Pittaras, G.C. Polyzos, and C. Patsakis	International Conference on Availability, Reliability and Security	-	187–204
2	2024	Secure smart contract-based digital twins for the Internet of Things	I. Pittaras, N. Fotiou, V.A. Siris, and G.C. Polyzos	Blockchain: Research and Applications, Elsevier	5	100-168
3	2023	What's inside a node? Malicious IPFS nodes under the Magnifying glass	G.C. Polyzos, and C. Patsakis	IFIP International Conference on ICT Systems Security and Privacy Protection	-	149–162
4	2022	Decentralized NFT-based Evolvable Games	G. Syros, I. Pittaras, and G.C. Polyzos	4th Conference on Blockchain Research & Applications for Innovative Networks and Services (BRAINS)	-	67–74
5	2020	Ransomware as a Service using smart contracts And IPFS	I. Pittaras, N. Fotiou, and G.C. Polyzos	IEEE International Conference on Blockchain and Cryptocurrency (ICBC)	-	-

6	2026	Towards Probabilistic Semantic Assurance in Decentralized Data Exchange	I. Pittaras, G.C. Polyzos, and C. Patsakis	8th Conference on Blockchain Research & Applications for Innovative Networks and Services (BRAINS)	-	-
7	2024	Enhancing IPFS privacy through triple hashing	T. Katsantas, Y. Thomas, and G. Xylomenos	2024 IEEE Symposium on Computers and Communications (ISCC)	-	-
8	2024	Enhancing IPFS bitswap	C. Karapapas, G. Xylomenos, GC Polyzos	International Conference on Information and Communication Technology for Intelligent Systems	-	189-199
9	2022	Secure, mass web of things actuation using smart contracts-based digital twins	I. Pittaras, N. Fotiou, V.A. Siris, G.C. Polyzos	2022 IEEE Symposium on Computers and Communications (ISCC)	-	-
10	2021	Fully decentralized trading games with evolvable characters using NFTs and IPFS	I Pittaras, and G.C. Polyzos	IFIP Networking Conference	-	-

Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)					
Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
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**Specify venue, geographic location etc*

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	2026	SafeHorizon: Innovations in Detecting and Disrupting Crime-as-a-Service Operations	European Union	Post-Doctoral Researcher
2	2020	Multi Level DHT Design and Evaluation for IPFS (MLDHT)	Protocol Labs	Researcher
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**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

**Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.
List the five (5) more recent (Optional Entry)**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2026	BLOCKCHAIN '26 International Congress on Blockchain and Applications	Technical Program Committee (TPC) Member	
2	2025	BLOCKCHAIN '25 International Congress on Blockchain and Applications	Technical Program Committee (TPC) Member	
3	2024	BLOCKCHAIN '24 International Congress on Blockchain and Applications	Technical Program Committee (TPC) Member	
4	2023	B2C' 23 Blockchain & Cryptocurrency Conference	Technical Program Committee (TPC) Member	
5	2023	BLOCKCHAIN '23 International Congress on Blockchain and Applications	Technical Program Committee (TPC) Member	

Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	Date	Title	Awarded by:
1	2025	Student Travel Grant	Athens University of Economics and Business
2	2023	Student Travel Grant	Athens University of Economics and Business
3	2022	Student Travel Grant	Protocol Labs
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Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	Date	Title	Key Activities:
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