FORM NUM: 500.1.03

Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Dionysiou
Name:	Ioanna
Rank/Position:	Professor
Faculty:	Sciences and Engineering
Department:	Computer Science
Scientific Domain: *	Security Management, Privacy Frameworks, Trust Modelling and Management, Active Defense Strategies, Cybercrime

** Field of Specialization*

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2006	Washington State University, USA	School of Electrical Engineering and Computer Science	Dynamic and Composable Trust for Indirect Interactions
MSc	2000	Washington State University, USA	School of Electrical Engineering and Computer Science	A Formal Semantics for Programmable Access Control
BSc	1997	Washington State University, USA	School of Electrical Engineering and Computer Science	N/A
Diploma	1994	Higher Technical Institute, Cyprus	Computer Studies	Development of and Interactive Courseware Package for the Pascal Language

Employment history in Academic Institutions/Research Centers				
Period of employment		Employer	Location	Position
From	To			
09/07	present	University of Nicosia	Nicosia, Cyprus	Professor (6/22 – present) Associate Professor (1/13-5/22) Assistant Professor (09/07-12/12) Assistant Professor (10/06-08/07, Intercollege)
01/10	01/14	Washington State University	Pullman, WA, USA	Adjunct Faculty
08/97	06/06	Washington State University	Pullman, WA, USA	Research Assistant, Teaching Assistant, Instructor

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	WORLD+: A Framework for POI Accessibility-Aware Scene Recognition Recommendations	Paris Messios Harald Gjermundrod	24th IFIP Conference e-Business, e-Services and e-Society (I3E 2025), Limassol, Cyprus		To appear
2	2024	Insufficient Due Diligence: Knowledge-related Threats in Cloud Computing	Frank Loots Harald Gjermundrod	3rd International Conference on Innovations in Computing Research (ICR'24), Lecture Notes in Networks and Systems, Springer	1058	538-548
3	2022	One Light, One App: Tackling A Common Misperception Causing Breach of User Privacy	Efi Siapiti Harald Gjermundrod	ICT Systems Security and Privacy Protection. SEC 2022. IFIP Advances in Information and Communication Technology, Springer	648	398-411
4	2022	SmartMinutes - A Blockchain-Based Framework for Automated, Reliable, and Transparent Meeting Minutes Management	Amir Salar Hajy Sheikhi Elias Iosif Oleg Basov	Big Data and Cognitive Computing, MDPI	6(4)	1-19

5	2021	VizAttack: An Extensible Open-Source Visualization Framework for Cyber Attacks	Savvas Karasavvas Harald Gjermundrod	Advances in Cybersecurity Management, Springer International Publishing		75-95
6	2020	SMAD – A Configurable and Extensible Low-Level System Monitoring and Anomaly Detection Framework	Basel Sababa Karlen Avogian Harald Gjermundrod	Innovations in Cybersecurity Education, Springer International Publishing		19-38
7	2019	TrustedEVoting (TeV) A Secure, Anonymous and Verifiable Blockchain-Based e-Voting Framework	Michel Verwer Harald Gjermundrod	8th International Conference on e-Democracy (e-Democracy 2019), Athens, Greece, Communications in Computer and Information Science, Springer	1111	129-143
8	2016	Going Beyond the Coinbase Transaction Fee: Alternative Reward Schemes for Miners in Blockchain Systems	Harald Gjermundrod Konstantinos Chalkias	20th PanHellenic Conference on Informatics (PCI 2016), Patras, Greece, November 10-12, 2016		35:1-35:5
9	2016	privacyTracker: A Privacy-by-	Harald Gjermundrod Kyriakos Costa	TELERISE:	9881	3-15

		Design GDPR-Compliant Framework with Verifiable Data Traceability Controls		2nd International Workshop on TEchnical and LEgal aspects of data pRIvacy and SEcurity, Lugano, Switzerland, June 9, 2016 Lecture Notes in Computer Science, Springer Verlag		
10	2015	HoneyCY: A Configurable Unified Management Framework for Open-Source Honeypot Services	Andreas Christoforou Harald Gjermundrod	19th Panhellenic Conference on Informatics 2015 (PCI2015), Athens, Greece, October 1-3, 2015		161-164

Research Projects				
Ref. Number	**Date**	**Title**	**Funded by**	**Project Role***
1	01/07/13-30/06/16	Building Enterprises - Wireless and Internet Security in European Regions (Be Wiser)	EU – FP7	Independent Researcher
2	01/02/12-30/07/13	A Software Tool for the ECTS and Bologna Process Re-engineering of University Programmes (ReProTool)	Cyprus Research Promotion Foundation	Co-Principal Investigator
3	01/06/09-31/08/09	CT-CS: Trustworthy Cyber Infrastructure for the Power Grid (TCIP)	National Science Foundation (USA)	Research Fellow
4	16/08/05-05/08/09	CT-CS: Trustworthy Cyber Infrastructure for the Power Grid (TCIP)	National Science Foundation (USA)	Research Assistant
5	18/08/03-18/07/05	ITR: Secure and Robust IT Architectures to Improve Survivability of the Power Grid	National Science Foundation (USA)	Research Assistant
6	01/10/01-31/05/03	Industrial Applications of Information Security to Protect the Electric Power	National Institute of Standards and Technology (USA)	Research Assistant
7	01/08/01-30/12/01	Status Dissemination Mechanisms	Trigeo Network Security	Research Fellow

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees				
Ref. Number	**Period**	**Organization**	**Title of Position or Service**	**Key Activities**
1	05/23 - present	CY Digital Security Agency	National Cybersecurity Coordination Center Advisory Committee member	Advising on security matters as requested by CYDSA
2	10/22 – present	Cyprus Standardiza-tion Organization	National Committee CYS/MC 12.01 Security member	Reviewing and approving security standards
3	09/09/2018-present	European Security and Defense College	EAB.CYBER Configuration Member	The EAB.Cyber configuration deals with the practical aspects of the implementation of the Cyber Education, Training, Evaluation and Exercise (ETEE) platform.
4	07/17-present	Cyprus Computer Society	Cyprus ECSC (European Cyber Security Challenge) Advisory Board Member	Participation in the selection process of the Cyprus national team representing the country to the ECSC competition.
5	04/16-present	Pedagogical Institute and Office of the Commissioner of Electronic Telecommunications and Postal Regulations	Working SubGroup Member on National Policy/Strategy on Internet Safety for students, educators, and parents	Part of the Cybersecurity Strategy of the Republic of Cyprus Action 14 - Security Awareness Program.
6	02/16-09/17	Open University Cyprus	Academic Board Member, Computer and Network Security MSc Program	Advising on course-related issues, selecting tutors for courses, etc.
7	01/15-07/16	Cyprus Cyber Crime Center of	Advisory Board Member	Giving feedback during yearly progress report meetings.

		Excellence for Training, Research and Education		

Awards / International Recognition (where applicable)			
Ref. Number	**Date**	**Title**	**Awarded by:**
1	22/08/2014	Outstanding Leadership Award for Track Chair of Data and Applications Security	6th IEEE International Symposium on Cyberspace Safety and Security (CSS 2014), Paris, France, August 20-22, 2014
2	27/06/2012	Demonstration Finalist	International Conference Computers and Advanced Technology in Education (CATE 2012), Napoli, Italy, June 25-27, 2012
3	7/06/2010	Poster award, 3rd place	UNICA seminar on " Recognition in Higher Education: how to make it work!", Tallinn, Estonia, June 7-9, 2010
4	20/11/2009	Best Paper award	First Workshop on Computational Trust for Self-Adaptive Systems (Selftrust), pp. 719-722, Athens, Greece, November 15-20, 2009
5	01/01/2003	Teaching Fellowship	WSU School of Electrical Engineering and Computer Science
6	Fall 1995, Spring 1996, Fall 1996, Spring 1997, and Fall 1997	WSU President's Honor Roll	Washington State University