

### Academic Personnel Short Profile / Short CV

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

### Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title
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				
Period of employment		Employer	Location	Position
From	To			
09/07	present	University of Nicosia	Nicosia, Cyprus	Associate Professor (1/13-present) 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 <i>refereed</i> journal papers, monographs, books, conference publications etc.						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	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
2	2016	An Assessment of the ICT Security Skills In the Industrial Sector as Provided Through Education and Training	Harald Gjermundrod Marianne Baumberger Marc Pattinson	Tenth Mediterranean Conference on Information Systems (MCIS 2016), Paphos, Cyprus, September 4-6, 2016		1-12
3	2016	privacyTracker: A Privacy-by-Design GDPR-Compliant Framework with Verifiable Data Traceability Controls	Harald Gjermundrod Kyriakos Costa	TELERISE: 2nd International Workshop on TEchnical and LEgal	9881	3-15

				aspects of data privacy and Security, Lugano, Lecture Notes in Computer Science, Springer Verlag, Switzerland, June 9, 2016		
4	2015	CloudHoneyCY - An Integrated Honeypot Framework for Cloud Infrastructures	Harald Gjermundrod	First International Workshop on Information Security, Assurance and Reliability in the Cloud (WISARC 2015), Limassol, Cyprus, December 7-10, 2015		630-635
5	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
6	2015	A Conceptual Framework for Configurable Privacy-Awareness in a Citizen-Centric eGovernment	Harald Gjermundrod	International Journal of Electronic Government	11(4)	258-282
7	2014	GridStat: High Availability, Low Latency and Adaptive Sensor Data Delivery for Smart Generation and Transmission	David E. Bakken Harald Gjermundrod	Smart Grids: Clouds, Communications, Open Source, and Automation, CRC Press, Taylor & Francis Group, ISBN: 9781482206111		55-114

8	2014	Out-of-Band Authentication Model with Hashcash Brute-Force Prevention	George Violaris	6th International Symposium on Cyberspace Safety and Security (CSS-2014), Paris, France, August 22-24, 2014		806-813
9	2014	Recirculating Lost Coins in Cryptocurrency Systems	Harald Gjermundrod	1st Workshop on Digital Currencies (DC 2014), Springer LNBI, Larnaca, Cyprus, May 22, 2014	183	229-240
10	2010	DualTrust: A Distributed Trust Model for Swarm-Based Autonomic Computing Systems	Wendy Maiden Deborah Frincke Glenn Fink David Bakken	The third International Workshop on Autonomous and Spontaneous Security (SETOP 2010), Athens, Greece, September 23, 2010, LNCS ,Springer-Verlag, Heidelberg	6514	188-202

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

<b>Consulting Services and/or Participation in Councils / Boards/ Editorial Committees</b>				
<b>Ref. Number</b>	<b>Period</b>	<b>Organization</b>	<b>Title of Position or Service</b>	<b>Key Activities</b>
1	09/09/2018	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.
2	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.
3	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.
4	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.
5	01/15-07/16	Cyprus Cyber Crime Center of Excellence for Training, Research and Education	Advisory Board Member	Giving feedback during yearly progress report meetings.

### 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	6 <sup>th</sup> 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, 3 <sup>rd</sup> 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