FORM NUM: 500.1.03

Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Gjermundrød
Name:	Kjell Harald
Rank/Position:	Professor
Faculty:	Sciences and Engineering
Department:	Computer Science
Scientific Domain: *	Distributed Computing Systems, Computer Security, Cyber Security, and Blockchain Technology

* Field of Specialization

Academic qualifications (list by highest qualification)				
Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2006	Washington State University	School of Electrical Engineering & Computer Science	Flexible QoS-Managed Status Dissemination Middleware Framework for the Electric Power Grid
MSc	2001	Washington State University	School of Electrical Engineering & Computer Science	An implementation and interface incorporating computer security using the meta-object model
BSc	1999	Washington State University	School of Electrical Engineering & Computer Science	N/A
Dipl. Ing	1998	Oslo Metropolitan University	Computer Science	GSM Data

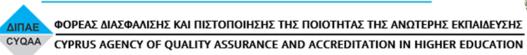| Employment history in Academic Institutions/Research Centers–List by the three (3) most recent				
Period of employment		Employer	Location	Position
From	To			
09/2008	Present	University of Nicosia	Nicosia, Cyprus	Assistant Prof. (09/08 – 12/12) Associate Prof. (01/13 – 07/18) Professor (08/18 – Present)
06/2009	08/2009	Washington State University	Pullman, WA, USA	Research Fellow
08/2006	08/2008	University of Cyprus	Nicosia, Cyprus	Research Associate

Key _refereed_ journal papers, monographs, books,conference publicationsetc.List the five (5) more recent and other five (5) selected–(max total 10)						
Ref. Number	**Year**	**Title**	**Other authors**	**Journaland Publisher / Conference**	**Vol.**	**Pages**
1	2020	SMAD – A Configurable and Extensible Low-Level System Monitoring and Anomaly Detection Framework	Basel Sababa Karlen Avogian Ioanna Dionysiou	Innovations in Cybersecurity Education, Springer International Publishing		19-38
2	2020	Leveraging Security Management with Low-Level System Monitoring and Visualization	Karlen Avogian Basel Sababa Ioanna Dionysiou	International Conference on Security and Management (SAM'20), Las Vegas, Nevada, USA, July 27 – 30, 2020

Transactions on Computational Science & Computational Intelligence: Advances in Security, Networks, and Internet of Things, Springer Nature | | to appear |
| 3 | 2019 | TrustedEVoting (TeV) A Secure, Anonymous and Verifiable Blockchain-Based | Michel Verwer Ioanna Dionysiou | 8th International Conference on e-Democracy (e- | 1111 | 129-143 |

		e-Voting Framework		Democracy 2019), Athens, Greece, Communications in Computer and Information Science, Springer		
4	2018	SDN helps Value in Big-Data		Big Data and Software Defined Networks, Ch. 11, The Institution of Engineering and Technology (IET), ISBN: 978-1-78561-304-3		229-251
5	2016	privacyTracker: A Privacy-by-Design GDPR-Compliant Framework with Verifiable Data Traceability Controls	Ioanna Dionysiou, Kyriakos Costa	TELERISE: 2ndInternational Workshop on TEchnical and LEgal aspects of data pRIvacy and SEcurity, Lugano, Lecture Notes in Computer Science, Springer Verlag, Switzerland, June 9, 2016	9881	3-15
6	2015	A Conceptual Framework for Configurable Privacy-Awareness in a Citizen-Centric eGovernment	Ioanna Dionysiou	International Journal of Electronic Government	11(4)	258-282

7	2014	Recirculating Lost Coins in Cryptocurrency Systems	Ioanna Dionysiou	1st Workshop on Digital Currencies (DC 2014), Springer LNBI, Larnaca, Cyprus, May 22, 2014	183	229-240
8	2011	Intensive Care Window: Real-Time Monitoring and Analysis in the Intensive Care Environment	Stylianides, Dikaiakos, Panayi, Kyprianou	IEEE Transactions on Information Technology in Biomedicine	15	26-32
9	2009	Gridstat: A flexible QoS-managed data dissemination framework for the power grid	David E. Bakken, Carl Hauser, Anjan Bose	IEEE Transactions on Power Systems	24	136-143
10	2008	g-Eclipse - An Integrated Framework to Access and Maintain Grid Resources	Dikaiakos, Stuempert, Wolniewicz, Kornmayer	9th IEEE/ACM International Conference on Grid Computing, Tsukuba, Japan, September 29 - October 1, 2008		57-64

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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	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	01/07/06-31/12/08	g-Eclipse - An integrated, Grid enabledworkbench tool for Grid application users, Grid developers and Grid operators based on the Eclipse platform	EU-FP6	Research Associate
5	01/04/06-30/04/08	EGEE II - Enabling Grids for E-sciencE-II	EU-FP6	Research Associate
6	01/09/04-31/08/08	CoreGRID - European research network on foundations, software infrastructures and applications for large scale distributed, grid and peer-to-peer technologies	EU-FP6	Research Associate
7	16/08/05-05/08/09	CT-CS: Trustworthy Cyber Infrastructure for the Power Grid (TCIP)	National Science Foundation (USA)	Research Assistant

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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	02/12-Present	IARIA	Editorial board member	Reviewing journal submissions for IARIA International Journal on Advances in Intelligent Systems
2	Spring 2018	Cyprus Computer Society	Cyprus ECSC (European Cyber Security Challenge) mentor	Member of the mentoring team for the ECSC Cyprus team
3	02/15-03/18	ACM	Chair of ACM Cyprus Chapter	Responsible for the activities of the Cyprus chapter
4	04/11-04/12	Imagine Cup (Microsoft)	Software competition judge	Participated in the judging team which selected the team to represent Cyprus in the imagine cup competition
5	08/2011	IEEE	Workshop Co-Chair	IEEE 2011 International Workshop on Survivable Large-Scale Information Systems (SLSIS2011), Pafos, Cyprus

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	03/12/2015	ACM senior member	Association for Computing Machinery
2	27/06/2012	Demonstration finalist	International Conference Computers and Advanced Technology in Education (CATE 2012), Napoli, Italy, June 25-27, 2012
3	07/06/2010	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, 15-20November, 2009
5	01/10/2007	Awarded *committer status* for the g-Eclipse technology project	Eclipse Foundation
6	01/12/2006	Software demo award	CoreGRID Industrial Conference, Sophia Antipolis, France, 30 November – 1 December, 2006

Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10)(Optional Entry)			
Ref. Number	Date	Title	Key Activities:
1	25/06/2014	Invited Panel Moderator	Panel I: Mobile Banking - Securing Users' Sensitive Data, The Security of Mobile Devices hosted by European Security Round Table sprl (eSRT), Brussels, Belgium
2	19/05/2014	Conference Session Chair	Session 2: Big Data, 17th International Conference on Business Information Systems, Larnaca, Cyprus
3	28/05/2012	Invited Conference Keynote Speaker	IARIA WebTel 2012 (including the following co-organized conferences {AICT |ICIW|ICIMP|SMART} 2012), Stuttgart, Germany
4	28/05/2012	Conference Panelist	Panel: Playing Smart Devices and Being Protected: Myth or Reality, IARIA WebTel, Stuttgart, Germany
5	02/09/2011	Conference Session Chair	Session 9: Security & Web Applications, 11th IEEE International Conference on Computer and Information Technology, Pafos, Cyprus
6	31/08/2011	Conference Session Chair	Session 2: Parallel and Cloud Computing, 11th IEEE International Conference on Scalable Computing and Communications, Pafos, Cyprus
7	18/11/2009	Conference Panelist	Panel: Capturing Preventing and Reacting Facets of the Systems Behavior, IARIA 1st International Conferences on Pervasive Patterns and Applications, Athens, Greece