

Academic Personnel Short Profile / Short CV

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

Academic qualification

Qualification	Year	Awarding Institution	Department	Thesis title
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				
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 publications etc.						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	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
2	2016	privacyTracker: A Privacy-by-Design GDPR-Compliant Framework with Verifiable Data Traceability Controls	Ioanna Dionysiou, Kyriakos Costa	TELERISE: 2 nd International 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

3	2016	Going Beyond the Coinbase Transaction Fee: Alternative Reward Schemes for Miners in Blockchain Systems	Ioanna Dionysiou, Konstantinos Chalkias	20 th PanHellenic Conference on Informatics (PCI 2016, Patras, Greece, November 10-12, 2016		35:1-35:5
4	2016	An Assessment of the ICT Security Skills In the Industrial Sector as Provided Through Education and Training	Ioanna Dionysiou, Marianne Baumberger Marc Pattinson	Tenth Mediterranean Conference on Information Systems (MCIS 2016), Paphos, Cyprus, September 4-6, 2016		1-12
5	2015	A Conceptual Framework for Configurable Privacy-Awareness in a Citizen-Centric eGovernment	Ioanna Dionysiou	International Journal of Electronic Government	11(4)	258-282
6	2015	GridStat: High Availability, Low Latency and Adaptive Sensor Data Delivery for Smart Generation and Transmission	David E. Bakken, Ioanna Dionysiou	Smart Grids: Clouds, Communications, Open Source, and Automation, CRC Press, Taylor & Francis Group, ISBN: 9781482206111		55-114
7	2014	Recirculating Lost Coins in Cryptocurrency Systems	Ioanna Dionysiou	1 st 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	9 th IEEE/ACM International Conference on Grid Computing, Tsukuba, Japan, September 29 - October 1, 2008	57-64
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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	01/07/06-31/12/08	g-Eclipse - An integrated, Grid enabled workbench 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
8	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
9	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
10	01/08/01-30/12/01	Status Dissemination Mechanisms	Trigeo Network Security	Research Fellow

Consulting Services and/or Participation in Councils / Boards/ Editorial Committees				
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)			
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, 3 rd 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, 15-20 November, 2009
5	01/10/2007	Awarded <i>committer status</i> 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
7	01/08/2003	Teaching fellowship	Washington State University, School of Electrical Engineering and Computer Science
8	30/05/1999	Outstanding student employee	Washington State University, School of Electrical Engineering and Computer Science

Other Achievements			
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, 17 th 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, 11 th IEEE International Conference on Computer and Information Technology, Pafos, Cyprus
6	31/08/2011	Conference Session Chair	Session 2: Parallel and Cloud Computing, 11 th 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 1 st International Conferences on Pervasive Patterns and Applications, Athens, Greece