



### Academic Personnel Short Profile / Short CV

<b>University:</b>	Open University of Cyprus
<b>Surname:</b>	Katsikas
<b>Name:</b>	Sokratis
<b>Rank/Position:</b>	Professor/Rector
<b>Faculty:</b>	Faculty of Pure and Applied Sciences
<b>Department:</b>	
<b>Scientific Domain: *</b>	Information and Cyber Security

*\* Field of Specialization*

### Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	1987	University of Patras, Greece	Dept. of Computer Engineering and Informatics	Optimal algorithms for geophysical signal processing
MSc	1984	University of Massachusetts at Amherst, USA	Dept. of Electrical and Computer Engineering	
Dip. Eng.	1982	University of Patras, Greece	Dept. of Electrical Engineering	

### Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			
Feb 2018		Open University of Cyprus	Nicosia, Cyprus	Professor, Rector
Oct 2015		Norwegian University of Science and Technology	Gjøvik, Norway	Professor
May 2007	Feb 2018	University of Piraeus	Piraeus, Greece	Professor

### 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	2020	Cybersecurity and safety co-engineering of cyberphysical systems: A comprehensive survey	G. Kavallieratos, V. Gkioulos	Future Internet, MDPI	12	1-18
2	2020	Shipping 4.0: Security requirements for the Cyber-Enabled Ship	G. Kavallieratos, V. Diamantopoulou	IEEE Transactions on Industrial Informatics		1-9
3	2020	SafeSec Tropos: Joint security and safety requirements elicitation	G. Kavallieratos, V. Gkioulos	Computer Standards & Interfaces, Elsevier	70	1-11
4	2020	Modelling Shipping 4.0: A Reference Architecture for the Cyber-Enabled Ship	G. Kavallieratos, V. Gkioulos	Intelligent Information and Database Systems. ACIIDS 2020, Springer	LNCS 12034	202-217
5	2020	Connect and Protect: Requirements for Maritime Autonomous Surface Ship in Urban Passenger Transportation	A. Amro, V. Gkioulos	CyberICPS 2019, Springer	LNCS 11980	69-85
6	2020	E-Democracy – Safeguarding Democracy and Human Rights in the Digital Age	V. Zorkadis	Springer	CCIS 1111	1-237

7	2019	Threat Analysis for Smart Homes	G. Kavallieratos, N. Chowdhury, V. Gkioulos, S. Wolthusen	Future Internet, MDPI	11	1-19
8	2019	Detection of abnormal behavior in smart home environments	G. Spathoulas, S. Evangelatos, M. Anagnostopoulos, G. Mema	4th South-East Europe Design Automation, Computer Engineering, Computer Networks and Social Media Conference (SEEDA-CECNSM), IEEE		1-6
9	2019	Towards a secure Industrial Internet of Things	G. Spathoulas	Chapter in the book: <i>Cristina Alcaraz (Ed.), Security and Privacy Trends in the Industrial Internet of Things</i> , Springer		29-45
10	2019	A Collaborative Cybersecurity Education Program	T.J. Tokola, T. Schaberreiter, G. Quirchmayr, L. Englbrecht, G. Pernul, B. Preneel, Q. Tang	Chapter in the book: <i>Ismini Vasileiou and Steven Furnell (Eds.), Cybersecurity Education for Awareness and Compliance</i> , IGI Global		181-201

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*

<b>Research Projects. List the five (5) more recent and other five (5) selected (max total 10)</b>				
<b>Ref. Number</b>	<b>Date</b>	<b>Title</b>	<b>Funded by</b>	<b>Project Role*</b>
1	2019-2022	CyberSec4Europe: Cyber Security Network of Competence Centres for Europe	EU H2020	Research Team Leader
2	2019-2022	SDN-microSENSE: SDN - microgrid reSilient Electrical eNergy SystEm	EU H2020	Research Team Leader
3		LOCARD: Lawful evidence collecting and continuity platform development	EU H2020	Research Team Leader
4	2018-2021	DELTA: Future tamper-proof Demand rEsponse framework through seLf-configured, selfopTimized and collAborative virtual distributed energy nodes	EU H2020	Research Team Leader
5	2017-2020	GHOST: Safe-Guarding Home IoT Environments with Personalised Real-time Risk Control	EU H2020	Research Team Leader
6	2019-2022	CybWin: Cybersecurity Platform for Assessment and Training for Critical Infrastructures – Legacy to Digital Twin (CybWin)	Research Council of Norway	Research Team Leader
7	2019-2022	MarCy: Maritime Cyber Resilience	Research Council of Norway	Research Team Leader

8	2018-2022	CPSEC: Cyber-Physical Security in Energy Infrastructure of Smart Cities	Research Council of Norway	Research Team Leader
9	2016-2018	SECTECH: Innovation and Excellence in Cyber-security teaching in Higher Education	EU Erasmus+	Research Team Leader
10	2013-2015	SPAGOS: Secure, privacy-aware e-government services	General Secretariat for Research & Technology, Greece	Research Team Leader

*\*Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

<b>Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent (Optional Entry)</b>				
<b>Ref. Number</b>	<b>Period</b>	<b>Organization</b>	<b>Title of Position or Service</b>	<b>Key Activities</b>
1	2018 -	Institute for Privacy Law, Data Protection and Technology of the European Public Law Organization	Member of the Scientific Council	See <a href="https://www1.eplo.int/ipl">https://www1.eplo.int/ipl</a>
2	2016 -	Institute of Cyber Intelligence Systems of the National Research Nuclear University MePhl (Moscow Engineering	Member of the International Scientific Council	See <a href="https://eng.mephi.ru/research/strategic-academic-units/icis">https://eng.mephi.ru/research/strategic-academic-units/icis</a>

		Physics Institute)		
3	2016 -	Norwegian University of Science and Technology, Center for Cyber and Information Security	Member of the Scientific Advisory Board	See <a href="https://www.ntnu.edu/ccis/center-for-cyber-and-information-security">https://www.ntnu.edu/ccis/center-for-cyber-and-information-security</a>
4	2015 - 2019	Institutional Evaluation Programme of the European University Association	Chair of the Steering Committee	See <a href="https://www.iep-qaq.org/">https://www.iep-qaq.org/</a>
5	2018 -	European Symposium on Research in Computer Security	Chair of the Steering Committee	See <a href="http://conf.laas.fr/esorics/">http://conf.laas.fr/esorics/</a>

**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	2020	Keynote Lecturer	6th International Conference on Information Systems Security and Privacy, Valetta, Malta,
2	2019	Doctor Honoris Causa (Honorary doctorate)	Department of Production and Management Engineering, Democritus University of Thrace, Greece
3	2019	Keynote Lecturer	6th International Symposium for ICS & SCADA Cyber Security Research, Piraeus, Greece

4	2019	Keynote Lecturer	12th International Symposium on Foundations & Practice of Security, Toulouse, France
5	2019	Keynote Lecturer	3rd IEEE Conference on Information and Communication Technology, Allahabad, India
6	2019	Keynote Lecturer	5th International Conference - Big Data in Cyber Security, Napier University, Edinburgh
7	2018	Keynote Lecturer	12th International Crisis Management Workshop (CrIM'18) and Oulu Winter School, Oulu, Finland
8	2018	Outstanding Reviewer	Information & Computer Security Journal, Emerald
9	2017	Keynote Lecturer	3rd ACM Workshop on Cyber-Physical Systems Security (CPSS'17), Abu Dhabi, UAE
10	2012	Award for outstanding achievements (contribution to the development of the telecommunications sector in Greece)	Infocom

**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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