



Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Mongay Batalla
Name:	Jordi
Rank/Position:	Adjunct Faculty
Faculty:	Sciences and Engineering
Department:	Computer Science
Scientific Domain: *	IP Technologies (radio: 5G and 6G, core: Network services chain, SDN, AI) and Applications (DLT and blockchain, Internet of Things, Smart Cities, multimedia) for the Future Internet. Cybersecurity (Risk Assessment, Security Enforcement, Vulnerabilities Management).

* *Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
Habilitation degree (Associate professor)	2017	Warsaw University of Technology- Poland	Faculty of electronics and information technologies	Mobile Media Cloud
Ph.D.	2010	Warsaw University of Technology - Poland	Faculty of electronics and information technologies	Analysis and design of Signaling Class of Service In the Internet
M.Sc.	2000	Universitat Politecnica de Valencia - Spain	Escuela Superior de ingenieros de Telecomunicacion	
Postgraduate	2006	High School of Applied Psychology	Department of Practical Psychology	Postgraduate on Practical Applied Psychology



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

Period of employment		Employer	Location	Position
From	To			
2020	today	University of Nicosia	Nicosia, Cyprus	Adjunct Faculty
2010	today	National Institute of Telecommunications	Warsaw, Poland	Director of Research
2006	today	Warsaw University of Technology	Warsaw, Poland	Associate Professor
2008	2009	Telcordia Poland (Ericson Co.)	Poznań, Poland	Research Scientist

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	2021	Security policies definition and enforcement utilizing policy control function framework in 5G	German Peinado Gomez, Yoan Miche, Silke Holtmanns, Constandinos X. Mavromoustakis, George Mastorakis and Noman Haider	Elsevier Computer Communications	172	226-237
2	2020	Adaptive positioning system based on multiple wireless interfaces for Industrial IoT in harsh manufacturing environments	C. Mavromoustakis, G. Mastorakis, N. Naixue Xiong, J. Wozniak	IEEE Journal on Selected Areas of Communications	vol. 38, no. 5	899-91
3	2020	Security Risk Assessment for 5G networks - national perspective	E. Andrukiewicz, G. Peinado Gomez, P. Sapiecha, C. X. Mavromoustakis, G. Mastorakis, J. Zurek, M. Imran	IEEE Wireless communications	vol. 27, no. 4	16-22
4	2020	Redundant localization system for automatic vehicles	Jose Angel Flores, Cengiz Togay	Mechanical Systems and Signal Processing	136	106433
5	2020	On analyzing video transmission over wireless WiFi and 5G C-band in harsh IIoT environments		IEEE Access	8	118534-118541

6	2019	Security situation assessment for massive MIMO systems for 5G communications	Yang, Di Yin, Xia Song, Xiaoming Dong, Gunasekaran Manogaran, George Mastorakis, Constandinos X. Mavromoustakis	Elsevier Future Generation Computer Systems	98	25-34
7	2019	Two-tier anomaly detection based on traffic profiling of the Home Automation system	Mariusz Gajewski, Albert Levi, Cengiz Togay, Constandinos X. Mavromoustakis, George Mastorakis	Elsevier Computer Networks	158	46-60
8	2018	Socially-oriented Edge Computing for Energy-Awareness in IoT Architectures	C. X. Mavromoustakis, G. Mastorakis, E. Markakis, E. Pallis	IEEE Communications Magazine	Vol. 56, No. 7	139-145
9	2018	On assuring survivability of network operator's services in evolving network environment	A. Cuadra Sanchez, J. Ruiz Alonso, Z. Kopertowski, L. Guardalben, N. Garcia and S. Ophir	IEEE Access journal	6	35646-35656
10	2017	Secure Smart Homes: Opportunities and Challenges	A. Vasilakos and M. Gajewski	ACM Computing Surveys	Vol. 50, No. 5	

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
1	2020-2021	5G Standalone infrastructure	International	National Institute of Telecommunications, Warsaw, Poland	Coordinator / Main researcher
2	2019-2021	5G Non-standalone infrastructure	National	National Institute of Telecommunications, Warsaw, Poland	Coordinator / Main researcher
3	2020	5G Perfecta System demo (Multimedia QoE on 5G networks)	International	Eureka Celtic Next Event, Valencia, Spain	Researcher
4	2018	Monalis System demo (Multimedia in mobile networks)	International	TM Forum Action Week, Lisbon, Portugal	Researcher
5	2017	Monalis System demo (Multimedia in mobile networks)	International	Open EUREKA Innovation Week 2017, Barcelona, Spain	Researcher

* Specify venue, geographic location etc

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	2021-2024	Security framework for 5G network based on multiple providers: specification, implementation and development of evaluation process	National Centre of Research and Development, Poland	Coordinator / Main investigator
2	2019-2023	Context-Aware adaptation of 5F eMBB services	National Centrum of Research (Poland)	Coordinator / Main investigator
3	2019-2021	Digital Innovation Hub 5G in Poland	Ministry of Development, Poland	Coordinator / Main investigator
4	2019-2021	5G and next generation mobile Performance compliance testing assurance	European Celtic-Plus Programme	Investigator
5	2018-2021	Development of 5G network in Polish Economy	National Centrum for Research and Development	Investigator
6	2018-2020	Full-managed secure gateway for Home Automation Systems	Bilateral: National Centre of Research and Development, Poland, Tubitak, Turkey	Coordinator / Main investigator
7	2017-2019	Monitoring and control of QoE in large scale media distribution architectures	European Celtic-Plus Programme	Technical Coordinator
8	2014-2017	ID-based SEcure COMmunications system for unified access in IoT	bilateral Poland-Luxembourg Programme	Coordinator / Main investigator
9	2014-2016	service and user-based DIstributed SElection of content streaming source and Dual Adaptation	European Coordinated Research on Long-term Challenges in Information and Communication	Coordinator / Main investigator



			Sciences & Technologies ERA-NET (Chist-Era)	
10	2014-2016	Network-Aware Delivery Cloud for User Centric Media Events	Programme Eurostars is part of the Eureka Framework	Technical Coordinator

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



**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	2015 - today	Springer Human-centric Computing and Information Sciences journal	Editorial Board Member of Springer Human-centric Computing and Information Sciences journal	Editorial Board Member
2	2012 - today	IEEE Conferences	TPC Member of different international conferences as, for example, IEEE ICC (2017-Currently); IEEE ISCC (2019-Currently); IEEE Globecom WSHPS	TPC Member
3	2021	Mdpi Applied Sciences journal	Lead Guest Editor of Mdpi Applied Sciences journal - Quality of Service of Critical Applications in Mobile Networks	Lead Guest Editor
4	2019	Elsevier Big Data research journal	Guest Editor of Elsevier Big Data research journal. Special Issue on Artificial Intelligence for Cloud based Big Data Analytics	Guest Editor
5	2017	IEEE Communications Magazine	Lead Guest Editor of IEEE Communications Magazine - Feature Topic on Advances in Network Services Chain	Lead Guest Editor



**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	Golden Cyborg Award to leaders of Telecommunication Market and Research	Telecommunications Section of the Electronics and Telecommunications Committee within the Polish Academy of Sciences
2	2021	SEP 100-year medal to Polish teleinformatic leaders	Polish Electrics Foundation
3	2019-today	Expert of Telecommunications Section of the Electronics and Telecommunications Committee within the Polish Academy of Sciences	Polish Academy of Sciences
4	2014-today	Best paper Awards in several conferences	IEEE sections



**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	2020- today	Expert of the Polish Normalization Committee (Telecommunications Section)	Normalization & standardisation activities
2	2020- today	Non CEI expert in 5G cybersecurity risk assessment within the European Union Agency for Cybersecurity (ENISA)	Expertise
3	2019- today	Hyperledger Foundation (part of 'TheLinuxFoundation')	Expertise
4	2020- today	Expert of Communication in Autonomous Automation in the Ministry of Infrastructure (Poland)	Expertise
5	2019-today	Expert of the "5G Competence Centre" in Lodz University of Technology	Expertise
6	2018-2021	Expert in the Technical group of European Blockchain Services Infrastructure (EBSI)	Expertise
7	2020-2021	Member of ITU-T Study Group Nr. 12: Multimedia i QoE	Normalization & standardisation activities
8	2019-2020	Member of 5G Cybersecurity team within the Ministry of Digital Affairs of Poland (Contribution to EU Toolbox)	Expertise
9	2018-2019	Responsible of "Architecture and Standards" Working Group in the "Strategy for 5G" coordinated by Ministry of Digital Affairs (Poland)	Expertise