



**5G V2X Summer School, 11-12 June 2018**  
**King's College London, London, UK**

**Speakers' Biographies**



**Apostolos Kousaridas (Huawei Research Europe)** received his PhD from the Department of Informatics & Telecommunications at the University of Athens. He holds B.Sc. degree in Informatics and M.Sc. degree in Information Systems from the Department of Informatics at Athens University of Economics and Business. He has worked as Technical Project Manager in the Innovation Center of Velti and as Senior Researcher for the University of Athens. Currently, he is Senior Research Engineer of the Huawei Technologies in Munich, contributing to the design of 5G communication systems and the Internet of Vehicles. He has disseminated over 40 publications in international journals and conferences in the area of wireless/mobile networks and he has contributed to ETSI NTECH/AFI, 3GPP and 5GAA. His research interests include vehicular communications, wireless networks, network management, cognitive adaptive systems, and software engineering.



**Efstathios Katranaras (Sequans)** received his B.Sc. degree in electrical and computer engineering from National Technical University of Athens, Greece, in 2005 and his M.Sc. and Ph.D. degrees in mobile communications from University of Surrey, UK, in 2006 and 2009, respectively. From 2010 to 2015, he worked as a Research Fellow in the 5G innovation centre (5GIC) at the University of Surrey. Since 2015, he has joined Sequans Communications as a telecommunications Systems Architect and he is mainly responsible for developing innovative solutions and contributing to 3GPP standardization. His current interests lie in the field of LTE and NR standards with focus on PHY layer techniques for URLLC, LAA and V2X networks. Efstathios has been involved in a number of international projects in the area of cellular communications and has authored several publications and patents.



**Giuseppe Destino (King's College London)** received his Dr. Sc. degree at the University of Oulu in 2012, M.Sc. (EE) degrees simultaneously from the Politecnico di Torino, Italy and University of Nice, France in 2005. Currently, he is working as Academy of Finland postdoctoral research fellow as well as project manager of national and international projects at the Centre for Wireless Communications of the University of Oulu, Finland. In 2017, He worked at the Nokia Bell Labs, Oulu, under the Nokia Bell Labs and University of Oulu Joint Centre for Future Connectivity. Since 2018, he is associated with King's College London, Centre for Telecommunication Research (CTR), where he carries on activities on positioning and millimetre-wave technologies. His research interests include wireless communications, millimetre wave radio access technologies, especially, on algorithms for channel estimation, hybrid beamforming and positioning. He served as a member of the technical program committee of IEEE conferences.



**Gonzalo Seco-Granados (Universitat Autònoma de Barcelona)** was born in Barcelona, Spain, in 1972. He received the M.Sc. and Ph.D. degrees in Telecommunication

Engineering in 1996 and 2000, respectively, from Universitat Politècnica de Catalunya (UPC), Barcelona. In 2002, he also received an MBA from IESE - University of Navarra in Barcelona and Columbia University in New York. He was a guest researcher at Brigham Young University, Utah, from May -to -August -1999.-From 2002 to 2005, he was member of the technical staff at the TT&C and Radio navigation Section, European Space Agency, The Netherlands, involved in the Galileo project and in the development of radio navigation receivers. He led the activities concerning indoor positioning for GPS and Galileo. Since the beginning of 2006, he is associate professor at the Department of Telecommunications and Systems Engineering of the Universitat Autònoma de Barcelona. Since March 2009, Gonzalo Seco Granados holds one of the six Chairs of Technology and Knowledge Transfer UAB Research Park - Santander. Dr. Seco-Granados received two best Ph.D. thesis awards from UPC and the Spanish Association of Telecommunication Engineers, as well as the best presentation award at the ION-GPS'2003 conference. He is Senior Member of the IEEE. Gonzalo Seco-Granados received an ICREA Academia fellowship in 2014.



**Konstantinos Manolakis (Huawei Research Europe)** is a Senior Research Engineer at the Huawei Munich Research Center since 2014. Before, he was a Research Associate at the Technische Universität Berlin (2012 - 2014), whereas from late 2006 to 2012 he was with the Fraunhofer Heinrich Hertz Institute in Berlin, Germany. Konstantinos holds a Ph.D. and a M.Sc. degree in wireless communications from the Technische Universität Berlin, and a Diploma degree in electrical engineering from the Aristotle University of Thessaloniki, Greece. He has participated in different roles at several national and European research projects, as well as private industry projects. Currently he is contributing to 5GPPP 5GCAR project as Task Leader and co-chairing the 5GPPP Automotive Working Group. His main expertise covers radio transmission and access technologies, physical layer and algorithm design, while more recently he has been focusing on vehicular communication and its integration into 5G networks. Konstantinos has co-authored several peer-reviewed journal and conference papers, regularly serves TPC member and has been the main recipient of the Best Paper Award at the 77<sup>th</sup> IEEE Vehicular Technology Conference (VTC) in 2013.



**Massimo Condoluci (Ericsson Research)** received the B.S. and M.S. degrees in telecommunications engineering in 2008 and 2011, respectively, from the University Mediterranea of Reggio Calabria, Italy. From the same university, he received the Ph.D. degree in information technology in 2016 with focus on random access optimization for machine-type communications over 4G. From 2016 to 2017, he was a Research Associate at the Centre for Telecommunications Research (CTR), King's College London, UK, where he worked on H2020 (VirtuWind, 5GCAR) and industry (Ericsson, BT) projects with focus on fixed-mobile convergence and network optimization. Since 2018, he is with Ericsson Research, Kista, Sweden. He serves as Editor for Mobile Information Systems and Wireless Communications and Mobile Computing. His current research interests include 5G network and protocol design, V2X, QoS management, and machine-type communications.



**Mikael Fallgren (Ericsson Research)** is a Senior Researcher at Ericsson Research, Stockholm, Sweden. He has received a M.Sc. degree in engineering physics and a Ph.D. degree in applied and computational mathematics from KTH (the Royal Institute of Technology), Stockholm, and a B.Sc. degree in business administration from Stockholm University. His research interests include V2X and wireless access networks. In the METIS project he led the work on scenarios and requirements as well as on dissemination and standardization. He was editor for two chapters of the book: 5G Mobile and wireless communications technology. Dr Fallgren is the 5GCAR project coordinator.



**Osvaldo Simeone (King's College London)** is a Professor of Information Engineering with the Centre for Telecommunications Research at the Department of Informatics of King's College London. He received an M.Sc. degree (with honors) and a Ph.D. degree in information engineering from Politecnico di Milano, Milan, Italy, in 2001 and 2005, respectively. From 2006 to 2017, he was a faculty with the Electrical and Computer Engineering (ECE) Department at New Jersey Institute of Technology (NJIT), where he was affiliated with the Center for Wireless Information Processing (CWIP). His research interests include wireless communications, information theory, optimization and machine learning. Dr Simeone is a co-recipient of the 2017 JCN Best Paper Award, the 2015 IEEE Communication Society Best Tutorial Paper Award and of the Best Paper Awards of IEEE SPAWC 2007 and IEEE WRECOM 2007. He was awarded a Consolidator grant by the European Research Council (ERC) in 2016. His research has been supported by the U.S. NSF, the ERC, the Vienna Science and Technology Fund, as well by a number of industrial collaborations. He currently serves in the editorial board of the IEEE Signal Processing Magazine, and he is a Distinguished Lecturer of the IEEE Information Theory Society. Dr Simeone is a co-author of a monograph, an edited book published by Cambridge University Press and more than one hundred research journal papers. He is a Fellow of the IEEE.



**Petar Popovski (Aalborg University)** is a Professor in Wireless Communications at Aalborg University, the Department of Electronic Systems and a Fellow of IEEE. He is heading the Section on Connectivity and the MassM2M laboratory which covers the broad area of wireless communications and networks, focusing on communication theory, connectivity for IoT systems, and 5G wireless systems. He is a holder of a Consolidator Grant (2015-2020) from the European Research Council (ERC) and a recipient of the Danish Elite Researcher Award (2016). His general research interest is in the area of communication theory, wireless system design and information theory. His research activities deal with 5G wireless, massive M2M communication for the Internet of Things, ultra-reliable wireless communication, communication with short packets, low-latency communication, dense wireless networks, mmWave communication. Besides his university position, He is a co-founder of the startup company RESEIWE A/S.



**Silvio Mandelli (Nokia Bell-labs)** holds a PhD in information Technology at "Politecnico di Milano" (2016) and now works as a Researcher in the Next Generation Wireless department at Nokia Bell Labs, Stuttgart. His main research topics are related to 5G with focus on Ultra-Reliable Low-Latency Communications (URLLC), 5G scheduling, positioning techniques and machine learning. He is currently involved in the ONE5G European Projects, and he manages Bell Labs research on 5G Scheduling proprietary algorithms for product differentiation. He joined also the 5GCAR European project, where he exploits his Bayesian and machine learning background to design algorithms to position, track and detect collisions of vehicles/vulnerable road users.



**Stefano Buzzi (University of Cassino)** is currently an Associate Professor at the University of Cassino and Lazio Meridionale, Italy. He received the M.Sc. degree (summa cum laude) in Electronic Engineering in 1994, and the Ph.D. degree in Electrical and Computer Engineering in 1999, both from the University of Naples "Federico II". He has had short-term research appointments at Princeton University, Princeton (NJ), USA in 1999, 2000, 2001 and 2006. He is a former Associate Editor of the IEEE Signal Processing Letters and of the IEEE Communications Letters, has been the lead guest editor of two IEEE JSAC special issues (June 2014 and April 2016), while is currently serving as an Editor for the IEEE Transactions on Wireless Communications. He is also a Member of the IEEE 5G Tech Focus Editorial Board. Dr. Buzzi's research interests are in the broad field of communications and signal processing, with emphasis on wireless communications and 5G systems. He has co-

authored about 150 technical peer-reviewed journal and conference papers, and among these, the highly-cited survey paper “What will 5G be?” (IEEE JSAC, June 2014) on 5G wireless networks.



**Taimoor Abbas (Volvo Car Corporation)** is with Volvo Car Corporation, Sweden, since 2014, as a senior system design engineer. He is leading research projects in the area of 5G and V2X at Volvo Cars. He earned his Ph.D. degree in radio systems and M.S. degree in wireless communications from the department of Electrical and Information Technology, Lund University, Sweden, in 2014 and 2009, and M.Sc. degree in electronics from Quaid-i-Azam University Islamabad, Pakistan, in 2006.

During 2008-2009, he has been with Ericsson Research for his master thesis internship. He is representing Volvo cars in EU 5GCAR project, 5GAA, ETSI and 5GPPP towards ITS-G5 and 5G V2X research and standardization. His research areas include V2X communication, MIMO systems, 5G for automotive, and, radio channel measurement and modelling.



**Tommy Svensson [S'98, M'03, SM'10]** is Professor in Communication Systems at Chalmers University of Technology in Gothenburg, Sweden, where he is leading the Wireless Systems research on air interface and wireless backhaul networking technologies for future wireless systems. He received a Ph.D. in Information theory from Chalmers in 2003, and he has worked at Ericsson AB with core networks, radio access networks, and microwave transmission products. He was involved in the

European WINNER and ARTIST4G projects that made important contributions to the 3GPP LTE standards, the EU FP7 METIS and the EU H2020 5GPPP mmMAGIC 5G projects, and currently in the EU H2020 5GPPP 5GCar project, as well as in the ChaseOn antenna systems excellence center at Chalmers targeting mm-wave solutions for 5G access, backhaul and V2X scenarios. His research interests include design and analysis of physical layer algorithms, multiple access, resource allocation, cooperative systems, moving networks, and satellite networks. He has co-authored 4 books, 67 journal papers, 118 conference papers and 49 public EU projects deliverables. He is Chairman of the IEEE Sweden joint Vehicular Technology/ Communications/ Information Theory Societies chapter and editor of IEEE Transactions on Wireless Communications, and has been editor of IEEE Wireless Communications Letters, Guest Editor of several top journals, organized several tutorials and workshops at top IEEE conferences, and served as coordinator of the Communication Engineering Master's Program at Chalmers.



**Vasilis Friderikos (King's College London)** has received two times best paper awards in IEEE ICC 2010 and WWRF conferences respectively. He has been visiting researcher at WinLab in Rutgers University (USA) and recipient of the British Telecom Fellowship Award in 2005. Vasilis is a member of IEEE, member of the IET and member of the INFORMS section on Telecommunications. Vasilis's research interests lie broadly within the closely overlapped areas of wireless networking,

mobile computing, and architectural aspects of the Future Internet. More specifically, optimization algorithms for wireless multi-hop mesh networks and programmable virtualized mobile networks. The emphasis is on the design and analysis of algorithms for scheduling, routing, admission control, load and power management with application to both centralized and distributed implementations.