

Giuseppe Bianchi is Full Professor of Networking and Network Security at the School of Engineering, University of Roma Tor Vergata since January 2007, where he has been Chair of the PhD programme in microelectronics and telecommunications in 2008-2010, and Chair of the Bachelor/Master Programme in Internet engineering in 2010-2016. His research activity, documented in more than 200 peer-reviewed international journal and conference papers, having received more than 14.000 citations (source scholar.google.com), focuses on privacy and security, network security protocols, applied cryptography, programmable network systems, wireless networks, traffic monitoring and control. Since 2005 he teaches the Network Security course in the master degree of Internet Engineering at the University of Tor Vergata, and in 2012/13 he has established a new class at the bachelor degree on Internet Systems' vulnerability and defense, a practical laboratory class dedicated to offensive security and prevention. He has filed 7 patents, on resource control in wireless networks, Deep Packet Inspection technologies, novel technologies for programmable network nodes and devices, and method for identifying potentially malicious Network Elements within a network using cross-domain collaborative data sharing. He has held technical or general coordination roles for six large scale EU research projects on networking and security related topics, namely FP6-DISCREET (on privacy in smart spaces), FP7-FLAVIA (on programmable wireless cards), H2020-BEBA (on programmable Internet Routers), FP7-PRISM (on privacy-preserving network monitoring), H2020-SCISSOR (on Security in SCADA systems and critical infrastructures), and FP7-DEMONS (Distributed cooperative large scale monitoring). Furthermore, he contributes to several additional EU project, including (and limiting to the currently active ones) the EU H2020 projects FLEX5GWARE and SUPERFLUIDITY (on emerging 5th generation wireless networks), the EU H2020 IoT project SYMBIOTE (on interoperability of IoT platforms), the EU H2020 FIRE project WISHFUL (on wireless reconfigurable testbeds), and the EU H2020 RECREED Innovation Action (focusing on Identity Management and Access Control, and where his team specifically leads WP5 on Attribute Based Access Control). He advised 17 PhD students, and gave several keynotes and talks on his research initiatives and findings in major international conferences and workshops (including ICUMT 2016, DCNET 2016, ICETE 2016, ITaS 2015, IEEE IWCMC 2015, IEEE CAMAD 2014, IEEE/IFIP WMNC 2014, Wiflex 2013, IEEE IWCMC 2013, IEEE WONS 2013, etc), and in major companies and academic institutions (including talks at the IBM cybersecurity center of Be'er Sheva Israel, Intel USA, InterDigital USA, MIT, INRIA, Tech. Univ. Berlin, etc). He has been general or technical co-chair for several major conferences and workshops (ACM CONEXT 2015, IEEE INFOCOM 2014, ACM CoNext 2015, IEEE LANMAN 2016, IEEE WoWMoM 2007 and 2010, ACM WinTech 2011, ACM SRIF 2013, track chair at IEEE PIMRC 2008, etc). G. Bianchi He has been (or still is) editor for top journals in his field, including IEEE/ACM Transactions on Networking and IEEE Transactions on Wireless Communications.