

Short Bio of the Presenter



Prof. Ivan Ganchev is a Senior Member of the IEEE¹; the IEEE Communications Society (Essential); the IEEE Computer Society Special Technical Communities on: (i) Smart and Circular Cities, (ii) Wearable and Ubiquitous Computing, and (iii) Reliable, Safe, Secure and Time Deterministic Intelligent Systems; the IEEE Computer Society Technical Communities on: (i) Intelligent Informatics, (ii) Big Data, and (iii) Internet of Everything; the IEEE Computer Society Technical Committees on: (i) Internet, (ii) Computer Communications, and (iii) Cloud Computing; the IEEE Communities on: (i) Cloud Computing, (ii) Big Data, (iii) Future Networks, (iv) Internet of Things, and (v) IEEE Smart Cities; and the IEEE Consultants Network. He received his doctoral and engineering (*summa cum laude*) degrees from the Saint-Petersburg University of Telecommunications in 1995 and 1989, respectively. He is a URSI² Senior Member, an ITU-T³ Invited Expert, and an IET⁴ Invited Lecturer.

Prof. Ganchev was involved in 40+ international and national research projects. Previously he served as a member of the EU FP5 Academic Network for Wireless Internet Research in Europe (ANWIRE) and 7 European ‘COoperation in Science and Technology’ (COST) Actions: COST 285 “Modelling and Simulation Tools for Research in Emerging Multi-service Telecommunications”, COST 290 “Traffic and QoS Management in Wireless Multimedia Networks”, IC0906 “Wireless Networking for Moving Objects (WiNeMO)”, IC0905 “Techno-Economic Regulatory Framework for Radio Spectrum Access for Cognitive Radio/Software Defined Radio (TERRA)”, IC1304 “Autonomous Control for a Reliable Internet of Services (ACROSS)”, IC1303 “Algorithms, Architectures and Platforms for Enhanced Living Environments (AAPELE)”, CA15127 “Resilient Communication Services Protecting End-User Applications from Disaster-based Failures (RECODIS)”. Currently he is a Management Committee Member (MCM) of the COST Action CA16226 “Indoor Living Space Improvement: Smart Habitat for the Elderly (SHELD-ON)”.

Prof. Ganchev’s research interests include: novel telecommunication and information paradigms; modelling, simulation, and emulation of complex telecommunication and information systems, networks, and services; smart networks and services; smart ubiquitous networking; Internet of Things (IoT); Internet of Services; Internet tomography.

Prof. Ganchev has served on the Technical Program Committee of 350+ prestigious international conferences, symposia, and workshops. He has authored/co-authored 1 monographic book, 3 textbooks, 4 edited books, and 300+ research papers in refereed international journals, books, and conference proceedings. He was a recipient of IEEE IAEAC 2017 Best Paper Award and IEEE IS 2012 Best Paper Award, and was nominated for the ITU-T Kaleidoscope 2008 Best Paper Award. He has given 20+ keynote/plenary/invited talks at international scientific forums.

Prof. Ganchev is an Area Editor of the Elsevier “*Computer Networks*” journal, an Academic Editor of the Wiley “*Wireless Communications and Mobile Computing*” journal, an Editorial Board Member of the MDPI “*Electronics*”, MDPI “*Mathematics*”, and Wiley “*Internet Technology Letters*” journals, a Regional Editor (Europe) of the *International Journal on Trust Management in Computing and Communications*, and an Advisory Board Member of the MDPI “*Engineering Proceedings*” journal. He also seats on the Editorial Board of and has served as a Guest Editor for multiple prestigious international journals.

¹ **IEEE**: The Institute of Electrical and Electronic Engineers, USA.

² **URSI**: The International Union of Radio Science, Belgium.

³ **ITU-T**: The International Telecommunication Union - Telecommunication Standardization Sector, Switzerland.

⁴ **IET**: The Institution of Engineering and Technology, UK.