Dr Evtim Peytchev is Associated Professor in Wireless, Mobile and Pervasive Computing at Nottingham Trent University, UK. His research interests are in ICT for ITS and include connectivity for Connected and Autonomous Vehicles (CAV), traffic simulation, modelling, traffic telematics, mathematical modelling of the uncertainties in traffic modelling, distributed computing environments (shared memory design domain), ad-hoc wireless networks, building wireless communication models for future traffic information systems, telematics technology application in the urban traffic control. Dr Peytchev's primary interest is in novel algorithms for collaborative identification of traffic conditions through ad-hoc network wireless communications and building new generation of traffic control systems based on collaborative interaction between all cars.

He is experienced in real-time traffic simulation in distributed environment (various platforms), telecommunication, mobile hand-held computers use in traffic environment, real-time traffic control systems, programming in C++, cross-platform (iOS, OS X, Windows, UNIX and EPOC for PSION hand-held computers) TCP/IP programming, JAVA, SMS (small message service) for GSM networks, WAP, ad-hoc networks, WiFi installation and design, J2ME, GPRS experience.

He has worked on H2020 research projects totalling 35mln Euro and has had numerous successful PhD students.

Past president and current treasurer for the European Council for Simulation and Modelling (ECMS).