Assoc. Prof. Ph.D. Ioan Ungurean received a Ph.D degrees in Computer Science from the Stefan cel Mare University of Suceava, Romania, in 2011. He is currently Associate Professor with the Department of Computers, *Stefan cel Mare University of Suceava*. His current research interests include embedded systems, operating systems, real-time systems, fieldbuses, distributed systems, Industry 4.0, Industrial Internet of Things, all publications being related to these fields. In 2019, for 6 months (from March to September) he worked at the Institute of Logistics Science & Engineering from *Shanghai Maritime University* (SMU). In this period, he lived in Shanghai, P.R. China and worked in the Port of Shanghai (busiest and biggest container port from the word) together with the team from SMU for researching and developing solutions for the Internet of Things for smart port & shipping and Port Unmannered System that can be used to increase the efficiency of the port operation. Related the connections to the industrial world, from Oct. 2016 to Sep. 2018, he worked part-time at the SC PowerTrace SRL, Suceava (Romania) where he builds and led a team of embedded software engineers that perform the software design and development of AUTOSAR based high-performance powertrain controllers (implementing a V cycle process). He worked with hard and soft real-time systems and use coding rules to make use of those in providing reliable and robust software (MISRA rules and C99 standard).

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