

Paper title

Zero-Knowledge Proof Protocols for Securing IoT-Based Critical Infrastructure Systems

Short Biography

Dr. Dalibor Dobrilovic is a full professor at the Information Technology department at the University of Novi Sad, Technical Faculty "Mihajlo Pupin", Zrenjanin. He received his PhD in Information Technology in 2012. His research interests are in the areas of IoT, Smart Cities, Wireless Communications, Wireless Sensor Networks, Computer Networking, Engineering education, etc. Dalibor Dobrilovic has more than 180 research articles (Scopus: 335 Citations, 68 Documents, h-index 10; WoS: 168 Citations, 44 Publications, h-index 8; IEEE Xplore: 95 Citations, 28 Publications) published in international journals and conferences. He has participated in three EU and over ten nationally funded scientific, research, and technical projects. He is a member of IEEE, IEEE Education Society, IEEE Communication Society, ACM (Association for Computer Machinery), and ACM SIGCOMM. From 2019 to 2023, he has been president of the Council of the Technical Faculty "Mihajlo Pupin", Zrenjanin. Since 2018 he has been president of the local HAM radio club "Zrenjanin". In 2016, he was the mentor of student team 6thSense in an international competition Texas Instruments TI Innovation Challenge (TIIC) European Design Contest, which won one of seven 1st round prizes in the category of Innovation. He is a technical committee member of the following international conferences: ICICCT, New Delhi, India; SSSCC and ICCECIP, Budapest, Hungary; ICI2C'21, Morocco; EAI FABULOUS, Zagreb, Croatia; AIIT and ITRO, Zrenjanin, Serbia.