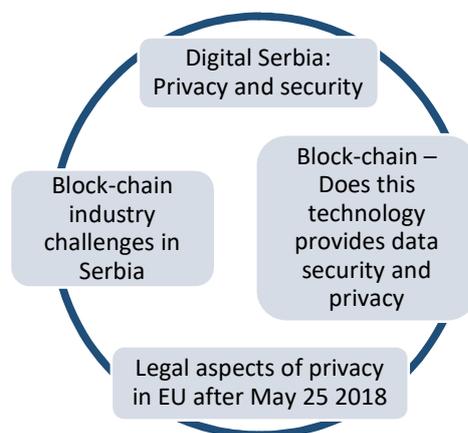


ROUNDTABLE: Security and Privacy in the Industry 4.0 Era

September 3, 2018, Hotel “Metropol Palace”, Belgrade 15:30-16:30



Introductory remarks: Tatjana Matić State Secretary, Ministry of Trade, Tourism and Telecommunications, Republic of Serbia

Panelists: Miodrag Mihaljević¹, Milan Dobrijević² and Dejan B. Popović³

Summary:

The Serbian Government adopted the Strategy for the Development of Information Security in the Republic of Serbia, and the Action Plan hereof. The Coordination Body for Information Security Affairs of the Government of the Republic of Serbia as well as the Centers for the Prevention of Security Risks in ICT Systems were established. The Center for the Protection of Privacy and Security in the Digital Space is being established. A Law on Electronic Document, Electronic Identification and Trust Services for Electronic Transactions was adopted.

Blockchain technology has been recently recognized as an important underlying approach for providing integrity, authenticity and privacy control in the cyberspace with a huge number of different instantiations and applications including the ones in critical infrastructures. Deployment of the systems based on the blockchain paradigm and its generalizations face a number of challenges including employment of appropriate consensus protocols and cryptographic techniques. Accordingly, roundtable will address some of the consensus protocols and cryptographic components.

The General Data Protection Regulation (GDPR) establishes a new legal framework that prescribes how personal data of EU citizens are processed by companies established and operating within the EU. Starting with the implementation of the GDPR on May 25 2018, any organization that processes information of EU citizens for business purposes will have to harmonize its business with new rules on personal data protection, even if its headquarters are outside of the EU. For the Republic of Serbia, the importance of GDPR as a new regulatory framework is important in many ways. The draft of the Law on the Protection of Personal Data is in essence a translation of the European Regulation.

¹ Professor and Deputy Director of the Mathematical Institute of the Serbian Academy of Sciences and Arts, Belgrade

² Head of Department for Development of Digital Agenda, Ministry of Trade, Tourism and Telecommunications, Serbia

³ Serbian Academy of Sciences and Arts and Aalborg University, Denmark