



Security Requirements Engineering: Designing Secure Socio-Technical Systems

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 August 2019)

Message from the Guest Editor

Statistics on security incidents show how security is affected by social and organizational aspects, which need to be considered on top of technical mechanisms. This opens up new challenges for analysts, who now have to study the bigger picture, which includes not only the software under design, but also the humans operating and interacting with it and the involved organizations. Analyzing this bigger picture means designing secure socio-technical systems rather than just technical software systems. Despite much attention from the research community, research efforts on the design of socio-technical systems are still in their infancy, while socio-technical systems have been a reality for quite some time. Their societal relevance is demonstrated by many examples, such as healthcare systems, e-commerce, air traffic management control, smart cities, smart homes, and alike.

This Special Issue invites submissions of high-quality original technical content papers, empirical evaluation of existing methods, and industrial experience papers on real applications or survey papers that shed further light on the trends and current status of work in security requirements engineering.





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