



Novel Approaches to Security and Safety Development of Engineering of Cyber-Physical Avionic and Medical Systems

Guest Editors:

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Deadline for manuscript
submissions:

closed (31 July 2021)

Message from the Guest Editors

Dear Colleagues,

This Special Issue will consist of manuscripts describing recent advances in the understanding and predicting key features of cyber-physical avionic and medical systems (CPAMS). The key features of this domain of software-intensive systems are safety and security. More specifically, the Special Issue is expected to include submissions on co-modeling, simulations, analysis of architectural design of avionic and medical systems, security of situational awareness systems that work with key avionic technologies, such as ADS-B and GPS, used in unmanned aircraft systems (small, medium, large), cyber-attacks detection algorithms and countermeasure methods, and many other new developments that make extensive use of formal methods, the model-based engineering of safety and security critical systems, and risk assessment and mitigations in the design and verification of CPAMS.

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Message from the Editor-in-Chief

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