

Special Issue

Safety, Reliability and Security Assurance of Cyber Systems

Message from the Guest Editors

With the rapid digitization and integration of cyber systems across critical sectors, such as healthcare, energy, finance, and transportation, the need for robust safety, reliability, and security measures has become more pronounced. These systems form the backbone of modern infrastructures, and their failure can result in catastrophic outcomes, from widespread operational disruptions to significant financial losses and threats to human safety. As cyber systems become more complex and interconnected, they are increasingly exposed to a variety of risks, including malicious cyber-attacks, unintentional software flaws, operational failures, and vulnerabilities arising from the integration of new technologies. Thus, ensuring the safety, reliability, and security of these systems is of paramount importance. This Special Issue focuses on recent advances in ensuring the safety, reliability, and security of cyber systems. We encourage the submission of original research on topics including risk assessment, secure software development, system reliability engineering, cyber-physical system safety, intrusion detection and prevention.

Guest Editors

Dr. Meng Tian

Electronic Information School, Wuhan University, Wuhan 430072, China

Dr. Zhengcheng Dong

School of Electrical Engineering and Automation, Wuhan University, Wuhan 430072, China

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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