

## 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.

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### Guest Editors

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### Deadline for manuscript submissions

closed (18 February 2025)



## Applied Sciences

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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.

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### Editor-in-Chief

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