

Special Issue

Automated Assurance of Robotics and Autonomous Systems

Message from the Guest Editors

Robotics and autonomous systems (RASs) are being increasingly adopted and integrated into every aspect of human life, bringing huge potential for the economy and society. The majority of RASs are also safety critical systems, in the sense that their failure may lead to accidents that cause harm, and may even lead to catastrophic consequences. As RASs are increasingly open and adaptive, it becomes increasingly difficult, or improbable, to assure their safety using existing manual approaches. This Special Issue aims to provide a forum for disseminating recent research and development outcomes related to automated means for assurance of RASs, which will fundamentally support safe and trustworthy RASs towards their wider adoption.

Guest Editors

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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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