Navigation and Control of UAVs

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Message from the Guest Editors

The objective of this Special Issue is to underline the methodologies and techniques of navigation and control that are currently under development, in simulation tests or validated through experiments. In order to match the safety guarantees, developments are made to maintain the UAV within an acceptable level of performance in such a way that the mission for which the UAV is devoted cannot fail under harsh conditions. In addition, to improve systems and fulfill safety guarantees, the algorithms of control and guidance-navigation should have good estimates of the UAVs' state and should be well implemented and well optimized through an easily reconfigurable architecture, profiting from the increase of computational capabilities.

Special Issue

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Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step.

It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

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