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Applications of Multisensory Fusion for Automation and Control of Robotic Systems

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submissions:

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Message from the Guest Editors

Dear Colleagues,

For decades, the tasks assigned to robots have constantly evolved to give birth to today's robots, that which participate more and more in the daily life of humans. The robots of yesteryear were very heavy manipulators, static and confined in factories to perform repetitive tasks in often familiar and static environments. Today's robots are increasingly mobile, independent, intelligent, and autonomous to provide more services that were, not so long ago, pure science fiction. The continuous improvement of their autonomy and efficiency has enabled their implementation in many fields such as transportation, medicine, construction, agriculture, and human services. Advances in sensor technologies and their integration into intelligent devices and systems have accelerated the increase in the autonomy and efficiency of robotic systems, enabling them to perform tasks that are more complex.

In this Special Issue, we invite original review and research papers addressing multi-sensor integration and fusion for the control of robotic systems such as UAVs, humanoid robots, collaborative robots, robotic manipulators, aerial manipulators, automated vehicles, etc.



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Special Issue



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Message from the Editor-in-Chief

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