



Intelligent Micro-/Nanorobotics Systems

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Message from the Guest Editor

In recent decades, microrobotics have demonstrated increasingly revolutionary advantages across various industries and everyday life. Operating within nano- to millimeter scales, micro- and nano-robots exhibit a growing diversity of forms, facilitating the manipulation of a wider array of objects and expanding potential applications. While the field has made significant strides, substantial challenges remain on the path to practical applications. In this Special Issue, we aim to showcase the latest advancements in intelligent micro- and nano-robotic systems, encompassing their design, development, and applications. Topics of particular interest include, but are not limited to, the following: the actuation and control of microrobots, micromanipulators, microactuators, and microsensors; human–robot interactions for microrobots; machine learning of micro-objects; and diverse applications thereof.





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Message from the Editor-in-Chief

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