



Cooperative Microactuator Devices and Systems

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Message from the Guest Editors

This Special Issue collects selected review papers from invited authors in the field of cooperative microactuators. Combining similar microactuators in microactuator arrays enables the control of time and spatially resolved actuation patterns, while the combination of microactuators based on different transducer principles even allows for novel process chains across different functional levels as well as several length scales. In addition to understanding and controlling the different synergies, various cross-coupling effects due to the close neighbourhood of microactuators have to be mitigated. This Special Issue will cover the topic of cooperative microactuator devices and systems based on electrostatics, electromagnetics, electroactive polymers, magnetic polymers, shape memory materials, and combinations thereof.

Deadline for manuscript
submissions:

closed (30 June 2023)

