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## **Pneumatic Muscle Actuators**

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Message from the Guest Editors

Dear Colleagues,

Pneumatic muscle actuators were initially conceived only for bioengineering applications. Over time, several new types have also been proposed for industrial applications, keeping some interesting characteristics unchanged: high strength/mass ratio, possibility of realization with easily available materials, ease of realization, low cost, ease of introduction into mechanical devices thanks to high tolerances assembly, respect for the environment and compliance, very useful for devices that must interact with humans.

The recent development of soft actuators has led to a renewed interest of researchers in pneumatic muscles.

This Special Issue aims to collect all the most innovative contributions on the theme of pneumatic muscles and soft actuators on topics including, but not limited to, new types of actuators, new realization technologies, new realization materials, new applications, and new models for sizing, control, for the forecast of operation, and for fatigue life duration.

Dr. Francesco Durante Dr. Pierluigi Beomonte Zobel Dr. Michele Gabrio Antonelli *Guest Editors* 



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