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Pneumatic, Hybrid Pneumatic-Electric, and Vacuum-Powered Actuators

Guest Editor:

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Deadline for manuscript submissions:

closed (31 December 2020)

Message from the Guest Editor

This Special Issue will cover all aspects of the design, modeling, control, and applications of pneumatic, hybrid pneumatic–electric, and vacuum-powered actuators. Both theoretical and practical contributions are welcome.

The particular topics of interest include, but are not limited to:

- pneumatic actuators;
- hybrid pneumatic-electric actuators;
- vacuum-powered actuators;
- soft actuators;
- position control;
- force control;
- physical human–robot interaction;
- soft robots;
- collaborative robots;
- assistive robots



