## **Special Issue**

# Dielectric Elastomer Actuators: Theory, Modeling and Application

## Message from the Guest Editors

In recent years, with the development of materials science, smart materials have been widely used to make new-type actuators. Among these actuators, dielectric elastomer actuators (DEAs) have been paid more attention because of their human-muscle-like features, i.e., light, low stiffness, large deformation, enough power, and acceptable response time. They are also assumed to play a major role in soft robots, which have received tremendous interest for their potential applications. This Special Issue will provide an international forum for professionals, academics, and researchers to share their novel research results, including but not limited to theoretical studies, mathematical modelling, and control system design and application of DEA. It particularly welcomes emerging methodologies and techniques that bridge theoretical studies and applications of all mechatronic systems. This Special Issue aims to collect the latest research results and findings on DEA, to arouse more researchers' interest on DEA, and to expand its applications into more different fields.

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## Deadline for manuscript submissions

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There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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