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Soft Sensors, Actuators and Sensing Technology for Medical Applications

Guest Editor:

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Deadline for manuscript submissions:

closed (15 November 2022)

Message from the Guest Editor

Dear Colleagues,

Soft robotics has been rising up as an emerging field in healthcare systems where highly compliant materials and structures are used to build soft, elastic, deformable systems that go beyond traditional rigid approaches. Soft sensor and actuator technologies are opening new possibilities to a wide range of applications in surgical robots, medical devices, haptics, defence, industry, entertainment, and education. Despite these advances, there are still major technical challenges for the design, fabrication, and modelling of soft sensor and actuator technologies that prevent them from being directly used in practice. The main purpose of this Special Issue is to solicit excellent works from experts in the field to solve the existing challenges of soft sensors, soft actuators, and their related sensing technologies towards the development of “softer and smarter” robotic systems for medical systems.

For detailed information, please visit [here](#).

Dr. Thanh Nho Do

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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