

Mechatronics and Robotic Control for Medical & Health Applications

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Mechatronics principles enable numerous applications related to health and medicine. This session is intended to be a forum of innovative research, state-of-the-art, and emerging technology for health and medicine. Papers addressing mechatronics approach to solving medical and health related challenges are encouraged to submit to this session. These challenges include but are not limited to the following topics: sensing, actuating, and control for medical devices, processes, medical devices and robots; image guided automatic or remotely controlled interventions; assistive devices, exoskeletons, virtual reality, and augmented reality in rehabilitation and medical intervention.