



Haptics for Human Augmentation

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Message from the Guest Editors

Dear Colleagues,

Haptics is an interdisciplinary field exploring the science of touch and technology. While still in its infancy, tremendous interest, advancement, and commercial potential has been seen within the last decade. At the same time, interest in human augmentation, or expansion of our senses and abilities, has grown. It is therefore timely to explore the intersection of haptics and human augmentation. This special issue invites contributions in areas of haptic sensory substitution/augmentation; haptic assistive technology for sensory, physical, or cognitive impairments; haptic rehabilitative technology including new devices for neurorehabilitation; haptic healthcare technology including surgical simulators and devices for personal health and wellbeing; haptic gerontechnology for the aging population; haptic human-computer interaction; multimedia that engages the sense of touch including virtual reality, augmented reality, and mixed reality; multimodal interaction between the sense of touch and our other senses.

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