

Special Session for Haptics and its Application to Bioscience

Haptics is an emerging interdisciplinary field aiming at understanding the somatosensory characteristics of our body and developing a computer-controlled system that allows the user to physically interact with virtual or remote environments through the sense of touch. With the growth of haptics, its technology is being applied to broader range of science, including IT (information technology), NT (nanotechnology) and BT (biotechnology). We solicit high-quality original research articles in all aspects of haptics, with a particular emphasis on applications to bioscience.

Potential topics for the special session include (but are not limited to):

- Haptic science (perception and cognition)
- Haptic interfaces
- Haptic rendering
- Haptic human-computer interaction
- Modeling of biomechanical systems
- Data perceptualization
- Applications to bioscience and medicine

A refereed paper will appear in one of the approved publications by the conference date:

IEEE Conference Proceedings: high quality E.I. indexed proceedings for FBIT.

Journal of Biomedicine and Biotechnology: The FBIT interdisciplinary special issue of this high impact factor journal will consider high impact factor papers. Appears by the conference date and details are in the conference pages (open access with I.F. 1.8 in SCIE).

International Journal of Control, Automation, and Systems: special issue of this SCIE listed journal will consider high quality papers from this special session.

Soft Computing journal: special issue of this SCIE listed journal will consider select papers with significant soft computing technique content.

Important Dates:

Paper Submission Deadline 30 June 2007

(click for [LaTeX](#) or [Word](#) style files)

Advance Registration Deadline 15 August 2007

Notification of Acceptance 15 July 2007

Final Program Announced 15 September 2007

Send your paper directly to the Special Session Organizers:

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