

IEEE SMC 2014

IEEE INTERNATIONAL CONFERENCE ON
SYSTEMS, MAN, AND CYBERNETICS

October 5-8, 2014
San Diego, CA, USA

<http://smc2014.org>

Special Session Call for Papers SMC2014 Special Session on **Human-Machine Interface, Haptics and Robotics**

Special Session organizers

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Introduction/Call for Papers

Research in the areas of haptics and virtual reality has recently seen great progress, and made significant contributions to the related science, technology, and application domains. The 2014 IEEE SMC special session will report research results in the field of human-machine interfaces and haptics, including as applied to robotic and intelligent sensing systems. This special session will provide the opportunity for researchers from both academia and industry to present their latest work, share ideas and establish contacts with other researchers in their field. Research areas relevant to this special session include, but are not limited to the following topics:

- Human machine performance analysis with haptic feedback
- Haptic rendering in virtual reality
- Haptic teleoperation
- Haptics in rehabilitation
- Haptic training simulators
- Haptics and human perception
- Multi-modal haptics and robotic systems
- Haptics in medical simulations
- Sensor, actuator, interface design and control
- Mobile haptics
- Neurohaptics

We welcome your contributions to this special session. Your support will make the 2014 IEEE SMC a fantastic occasion and a successful conference.

Important Dates

April 7, 2014: Deadline for submission of full-length papers to special sessions.

May 25, 2014: Acceptance/Rejection Notification.

July 9, 2014: Final camera-ready papers due in electronic form.

Submission

Manuscripts for a Special Session should **NOT** be submitted in duplication to any other regular or special sessions and should be submitted to SMC 2014 main conference online submission system on SMC 2014 conference website.

All submitted papers of Special Sessions have to undergo the same review process (three completed reviews per paper). The technical reviewers for each Special Session paper will be members of the SMC 2014 Program Committee and qualified peer-reviewers to be nominated by the Special Session organizers.

Organized by IEEE SMC TC on Robotics and Intelligent Sensing