



**SMC 2017**



2017 IEEE International Conference on Systems, Man, and Cybernetics, October 5–8, 2017, Banff Center, Banff, Canada

<http://www.smc2017.org>

## Special Session Call for Papers

### Virtual and Augmented Reality Systems

Virtual reality (VR) and augmented reality (AR) are powerful computer-based systems that involve real-time simulation and interaction through multiple sensory modalities. VR/AR systems find many applications including automotive industry, oil/gas exploration, games/entertaining, medicine, interactive analytics, etc. Key foci of VR/AR systems are to understand various perceptual and cognitive issues; to facilitate and augment human abilities; to inform and constrain the design of effective systems; and to broaden applications.

The Special Session of **Virtual and Augmented Reality Systems** seeks contributions including, but not limited to, the following topics:

- Virtual reality
- Augmented reality
- 3D visualization
- Multi-sensory integration
- 3D user interfaces
- Advanced input/output devices
- Modelling and simulation
- Motion tracking
- Locomotion and navigation
- Applications of VR/AR

#### Special Session Organizers:

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#### Important Dates:

Submission deadline: April 07, 2017  
Acceptance notification: May 25, 2017  
Final Paper Upload: July 09, 2017

#### Submission Policy:

Manuscripts for the Special Session should NOT be submitted in duplication to any other regular or special sessions; and should be submitted via the online submission system on the SMC 2017 website.

Authors should use the templates provided at the SMC 2017 website to avoid incompatibility. All submitted manuscripts could not exceed 6 pages. Supplementary materials (e.g., video, etc.) can be uploaded for review, but will NOT be archived.

All submitted manuscripts will be reviewed by the program committee members of SMC 2017. Only papers of SMC Conference quality will be accepted for presentation.