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SMC 2012 Call for Papers <http://www.smc2012.org>

Special Session on Interactive, Panoramic 3DTV

Organized by the SMC TC on Human Perception in Vision, Graphics and Multimedia

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Panoramic vision provides as wide as 360 degree field of view, which makes it possible to see almost all the directions. 3DTV projects a television program into a three-dimensional field by employing techniques such as stereoscopic display, multi-view display, 3D display, etc. Panoramic 3DTV combines both of them, and it is involving interactive feature.

The purpose of this special session is to promote the advanced research on Panoramic and 3DTV, especially the combination on them, such as devices for capturing panoramic videos, creating 3DTV videos based on panoramic, processing and displaying of panoramic and 3DTV, etc.

Related topics of Interest include but are not limited to:

- Panoramic imaging and graphics
- Mosaic algorithms and methods for producing panoramic images and videos
- Catadioptric omni-directional cameras and algorithms for producing panorama images and videos.
- Panoramic image/video processing and compression.
- Panoramic applications
- Panoramic stereo
- Stereo and multi-view image acquisition
- All areas related to 3DTV, such as 3DTV capturing, 3DTV displaying, 3DTV compression, etc.
- Combination of panorama and 3DTV

Important Dates:

April 15, 2012:
Deadline for submission of full-length papers

June 15, 2012:
Acceptance/Rejection notification

July 31, 2012
Deadline for final camera-ready papers submission

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 2012 main conference online submission system on SMC 2012 conference website. All submitted papers of Special Sessions will undergo the same review process (three completed reviews per paper) as regular conference papers.

