



Call for Papers

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Univ. of Central Florida

Radu Bogdan Rusu

Open Perception

Willow Garage

Cang Ye

Univ. of Arkansas at Little

Rock

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Univ. of South Florida

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The Workshop on Robot Vision is organized as part of the *IEEE Winter Vision Meeting (WVM)* which is a collection of workshops including the *Workshop on Applications of Computer Vision (WACV)*, the *Workshop on Performance Evaluation of Tracking and Surveillance (PETS)*, the *Workshop on User - Centred Computer Vision (UCCV)*, and the *Workshop on Robot Vision (WoRV)*. All of the four workshops are covered by one single "passport-style" registration and open to all attendees.

WoRV provides a distinctive opportunity for researchers in the robotics and automation community to closely and actively interact and exchange ideas with a large number of computer vision researchers. The workshop aims to share research findings and issues in both frontiers through vibrant discussions with speakers from both disciplines, and address the current state of the art and future directions with lively panel discussions.

Prospective authors are invited to submit high-quality papers representing original results in all areas of robot vision. Six pages in standard IEEE format are allowed for each paper, including figures. All submitted papers will be peer-reviewed by at least two reviewers. All accepted papers will be published electronically on IEEE Xplore. Extended versions of selected papers will be published in a book named "New Development in Robot Vision" with Springer after the meeting. The topics of interest include (but are not limited to): *Vision-Based Navigation*, *Robot Visual Tracking*, *Image-Guided Robot Interventions*, *Range Imaging -- RGB-D*, *Vision to Motion*, *Vision for Haptics*, *Vision for Aerial Robotics*, *Vision for Underwater Robotics*, *Software Tools for Robot Vision*, *Visual Servoing and Servo Control*, *Learning from Sensor/Visual Data*, *Real-time Sensing and Control*, *Active Sensing*, *Sensor Fusion and Sensor Networks*, and *Multi-Robot Systems with Vision Sensors*. Detailed instructions for submissions are available on the conference website.

The workshop will take place at the Sheraton Sand Key Resort on Clearwater Beach, Florida: One of America's top ranked hotels for hospitality, on one of America's top rated beaches. The resort is a short drive from the top rated Tampa International Airport and convenient for visits to world renowned attractions like the Dali Museum, Busch Gardens, LEGO land and Disney World.

Important Dates:

Paper Submission:

September 24, 2012

Notification:

November 9, 2012

Camera-ready:

November 30, 2012

Workshop:

January 16 & 17, 2013

Contact Email:

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