

# OMNIVIS 2010

The 10th Workshop on Omnidirectional Vision, Camera Networks and Non-classical Cameras  
Sunday, June 27, 2010 - Zaragoza, Spain

In conjunction with Robotics: Science & Systems, RSS 2010 in Zaragoza, Spain  
Web: <http://people.csail.mit.edu/koch/omnivis2010>

We are pleased to announce OMNIVIS 2010, the Tenth Workshop on Omnidirectional Vision, Camera Networks and Non-classical Cameras, to be held on June 27, 2010 in conjunction with RSS 2010 in Zaragoza, Spain.

In recent years, panoramic and omnidirectional sensors have been a key technology in the development of visual perception. Omnidirectional and panoramic sensors have found numerous applications, including localization, navigation, visual servoing, and enhanced situational awareness for autonomous or teleoperated systems. One of the foremost communities for advancing omnidirectional sensors is OMNIVIS, also known as the Workshop on Omnidirectional Vision, Camera Networks and Non-Classical Cameras. This workshop will cover a wide range of topics including camera networks, non-classical sensors, camera calibration, structure-from-motion and SLAM.

The workshop is open to both the computer vision community and the robotics community and hopes to build on the synergies that have developed between these two communities in the recent years.

Contributions are sought on new and original research on any aspect of omnidirectional vision and camera networks, including novel sensor design, panoramic vision applications, and scalable algorithms for large-scale camera networks. All papers will be subject to a double-blind review process which will be carried out by a Program Committee of leading international researchers. The workshop proceedings will be included in the RSS main conference DVD.

Areas of interest include, but are not limited to:

- Camera Networks
- Non-classical Sensors
- Camera Calibration
- Applications of Omnidirectional Cameras to Robotics
- Structure-from-motion, Navigation, SLAM

Important Dates:

- Paper submission deadline: March 15, 2010 23.59 PST
- Notification of acceptance: May 5, 2010
- Camera ready deadline: May 25, 2010
- Workshop date: June 27, 2010

Organizers

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