



Since 1986, IEEE has sponsored workshops on understanding motion from video imagery, but only in the last several years has the acquisition of very high quality video data been so easy to scale to consumer devices, aerial platforms, and large-scale camera networks. Hence there is a growing demand of algorithms to automatically analyze and interpret these video data. Additionally there is an increasing need for scalable algorithms to allow processing of the enormous data volumes captured.

We encourage high-quality original submissions in any area of video processing and motion interpretation including:

- Multi-sensor and multi-target detection and tracking
- Extraction of semantics from video
- Human activity recognition
- Gesture and gait analysis and recognition
- Low-level motion analysis (Optic flow, motion segmentation, structure from motion)
- Analysis of video data from novel sensors
- Performance evaluation of video understanding systems
- Activity modeling and recognition
- Video retrieval
- Video for surveillance and biometrics
- Video event detection and recognition
- Modeling from video- or photo-collections

This year we particularly encourage submissions that tackle large-scale problems in areas such as community photo-collections or distributed camera networks.

This year, the motion workshop (WMVC) will function as an embedded track within the Workshop on Applications of Computer Vision (WACV). The workshop will have 6-page papers, which may be presented as either oral or poster presentations (extra pages will be \$100 a page, up to an 8-page maximum). The workshop will be held at the Sheraton Keauhou Bay (Hawaii). The WMVC proceedings will be published electronically on a conference CD-ROM and on IEEEExplore.

Organizers:

- Pierre Fite-Georgel, UNC Chapel Hill
- Jan-Michael Frahm, UNC Chapel Hill
- Nathan Jacobs, University of Kentucky

Deadlines:

Paper submission	:	August 26, 2010
Paper decisions	:	October 7, 2010
Camera-ready	:	November 3, 2010
Workshop	:	January 6, 2011

For more information please visit: <http://2011.ieee-wmvc.org/>