Tracking for Human Activity Monitoring

A Special Track of the

10th International Symposium on Visual Computing (ISVC14)

http://www.isvc.net

December 8-10, 2014

Las Vegas, Nevada, USA

Scope:

Visual tracking has experienced significant growth in the last decade. Stimulated by the ubiquity of cameras and the introduction of depth sensors, tracking plays a key role in surveillance, human computer interaction, health and wellness, gaming, shape from motion, etc. In many of these applications, the main objective is to track humans and make sense of their activities, intent or state. The special session welcomes papers from the computer vision, graphics and visualization communities that explore tracking techniques and applications related to human activities.

Topics:

The topics of interest include but are not limited to the following areas:

- Tracking faces and facial features
- Tracking hands, fingers and gestures
- Tracking human bodies
- Tracking interactions between humans or humans with objects
- Tracking crowds
- Tracking for human activity, gesture or expression recognition
- Tracking for biometric identification
- Tracking for animation
- Tracking for reconstruction
- Tracking for visualization
- Visual tracking methods for human-centered applications
- Wide area tracking for surveillance
- Tracking for health or safety monitoring
- Tracking for driver or pilot assistance and safety
- Tracking in sports and games
- Tracking in smart spaces
- Tracking to assist individuals with mobility challenges
- Tracking in various modalities: depth, IR, high speed, multi-camera systems

Paper Submission Procedure:

Papers submitted to ISVC 2014 Special Track must not have been previously published and must not be currently under consideration for publication elsewhere. Manuscripts should be submitted in camera-ready format and should not exceed **12 pages**, including figures and tables (see http://www.isvc.net for details). All papers accepted will appear in the symposium proceedings which will be published by **Springer-Verlag** in the **Lecture Notes in Computer Science (LNCS)** series.

Important Dates:

Paper submissions	August 23, 2014
Notification of acceptance	October 7, 2014
Final camera ready paper	October 31, 2014
Advance Registration	October 31, 2014
ISVC14 Symposium	December 8-10, 2014

Organizers:

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