Observing Humans

A Special Track of the
11th International Symposium on Visual Computing (ISVC'15)
http://www.isvc.net

December 14-16, 2015, Las Vegas, Nevada, USA

Scope:

Visual understanding has experienced dramatic growth in recent years. Observing humans has been at the core of new developments, including detection, tracking, recognition and activity interpretation in various contexts. Stimulated by the ubiquity of cameras and the introduction of depth sensors, methods for observing humans are critical in content based retrieval, human computer interaction, surveillance, health and wellness, gaming, safety, assistive technologies etc. This special session welcomes papers from the computer vision, graphics and visualization communities that explore novel techniques and applications related to observing humans.

Topics:

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

- Fingers, hands, arms and gestures
- Human facial features and faces
- Human body motion capture
- Human action and activity understanding
- Human gesture recognition
- Facial expression recognition
- Biometric identification
- Understanding the interaction between humans
- Understanding the interaction between humans and objects
- Observing humans for Human Computer Interaction
- Observing humans for Human Robot Interaction
- Crowd monitoring and anomaly detection
- Human-centered applications
- Health or safety monitoring
- Driver or pilot assistance and safety

- Sports and games
- Assistive technologies

Paper Submission Procedure:

Papers submitted to the 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 21, 2015
Notification of acceptance	September 23, 2015
Final camera ready paper	October 20, 2015
Advance Registration	October 20, 2015
ISVC15 Symposium	December 14-16, 2015

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