2014 IEEE Conference on Computer Vision and Pattern Recognition Workshops

(CVPRW 2014)

Columbus, Ohio, USA
23-28 June 2014

2014 IEEE Conference on Computer Vision and Pattern Recognition Workshops

CVPRW 2014

Table of Contents

Biometrics

Mobile Vision

Perception beyond the Visible Spectrum

Registration of Very Large Images

Vision Meets Cognition

Change Detection

Computational Cameras and Displays

Computational Models for Social Interactions and Behavior

Deep Vision: Deep Learning in Computer Vision

Egocentric Vision

Embedded Vision

Long-Term Detection and Tracking

Multi-sensor Fusion for Outdoor Dynamic Scene Understanding

Web-Scale Vision and Social Media

ÁŒ¦ÁQ¢d[å˘ &ą¦}Á{¡Á‹@^Á¦åÁ¥[¦\•@¦]Á{¡}Á˝*[&^}¢dæ&Áˆ¦Zã•ˇdˇ^¦•[}ÐÁKãˇą¦}▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓ Gˉ
    ÁÛc^ç^Á¦æ}}Ð˝S¦¦ã˝Á¦È˝Sˇãæ¦æÎ¥[}*Á¦æ^Ã˝^^Ð˝¦¦È˝Ùˇ[[Ð˝Œˇ¦ã^:ææÁ¦ æ@ˀ

Message from the Workshop Chairs

CVPR 2014 offers 19 workshops that span the research frontiers of computer vision involving entrepreneurship, social media, deep learning, crowdsourcing, and much more.

On Monday, June 23, six full-day and three half-day workshops cover perceptual organization, mobile vision, scene understanding, cognition, the vision industry, human computation, vision beyond the visible spectrum, registration, and biometrics. On Saturday, June 28, six full-day and four half-day workshops discuss approaches to web-scale, embedded, big, egocentric, and deep vision, long-term detection and tracking, computational cameras and displays, change detection, social interactions, and sensor fusion.

The 12 full-day and 7 half-day workshops have a wide range of formats – many include invited speakers and papers (16/19) and poster sessions (11/19), some include spotlight presentations, abstracts, and demos. Three workshops publicized plans for best paper awards.

Planning for the workshops started in summer 2013, the call for proposals went out in September 2013, and the proposal submission deadline was in October 2013. We received and reviewed 32 workshop proposals, of which 20 were accepted and 19 workshops came to fruition. Some workshops have been running successfully for many years, such as Embedded Vision, Perception Beyond the Visible Spectrum, Biometrics, and Perceptual Organization; other workshops address new trends, such as Deep Vision, and Human Computation, or push the envelope of traditional topics such as Long-term Detection and Tracking, and Registration of Very Large Images.

We wish all workshop participants an enriching experience,

Margrit Betke and Jim Davis

CVPR Workshop Co-Chairs