

Call for Papers

Action Recognition and Pose Estimation in Still Images

Workshop at ECCV 2012, October 13, Firenze, Italy

<http://vision.stanford.edu/apsi2012/index.html>

Overview

Many human actions, such as "playing violin" and "taking a photo", are well described by still images. Recognizing human actions and estimating human poses in still images will potentially provide useful information in image indexing and visual search, since a large proportion of available images contain people. Progress on these tasks is also beneficial to object and scene recognition, given the frequent human-object and human-scene interactions. Furthermore, as video processing algorithms often rely on some form of initialization from individual video frames, it would be interesting to have a better understanding of how, when, and to what extent static information can help recognize human actions and estimate human pose in videos. This workshop offers a great opportunity to bring together researchers and experts working on different aspects of action recognition and pose estimation to demonstrate their recent work. It provides a common playground for inspiring discussions and stimulating debates.

Workshop Format

The workshop will be a one-day event with one morning and two afternoon sessions, including invited talks and poster presentations.

Call for Papers

We invite high quality, original submissions for presentation during the workshop. Contributions from the following areas are especially welcome:

- Human pose estimation in still images
- Human action recognition in still images
- Modeling and recognition of human-object interactions
- Scene context for human poses and actions
- Understanding humans in videos or depth images
- Novel datasets of human poses or actions
- Actions and human pose research in cognitive psychology / human perception

We also invite submissions from related domains including theoretical results relevant to the workshop's topic.

The emphasis of the submissions should lie on aspects relevant to the workshop. Papers must be in PDF format and must not exceed 10 pages (ECCV format). All submissions are subject to a double-blind review process by the program committee. Further details about the submission process can be found on the workshop homepage.

Please refer to this site for more instructions of paper submission: <http://eccv2012.unifi.it/program/workshops/workshop-paper-submission-guidelines/>.

Important Dates

- Deadline for submission of papers: July 3rd, 2012
- Notification of acceptance: August 2nd, 2012
- Camera-ready submission: August 8th, 2012
- Workshop date: October 13rd, 2012

Invited Speakers

- Mark Everingham, *University of Leeds, UK*
- David Forsyth, *University of Illinois at Urbana-Champaign, USA*
- Abhinav Gupta, *Carnegie Mellon University, USA*
- Jitendra Malik, *University of California, Berkeley, USA*
- Aude Oliva, *Massachusetts Institute of Technology, USA*
- Jamie Shotton, *Microsoft Research Cambridge, UK*

Workshop Organizers

- Vittorio Ferrari, *University of Edinburgh, UK*
- Ivan Laptev, *INRIA / Ecole Normale Supérieure, France*
- Josef Sivic, *INRIA / Ecole Normale Supérieure, France*
- Bangpeng Yao, *Stanford University, USA*

Contact

The organizers can be contacted through apsi2012.ws@gmail.com.