CFP - ICCV International Workshop on Cross-domain Human Identification (CHI) 2017

CFP - Apologies for multiple copies

ICCV International Workshop on Cross-domain Human Identification (CHI) 2017
In conjunction with ICCV 2017, Venice, Italy - October 29, 2017

Web: https://chi-workshop.github.io/
Contact: chiworkshop17@gmail.com

Important Dates

Submission Deadline*: **July 28, 2017**
Decision to Authors: August 11, 2017
Camera-Ready Paper Due: August 25, 2017
Workshop Date: October 29, 2017

Call for Papers

The increasing availability of images, videos and shared contents on social networks have emphasized the need of non-intrusive methods that, relying on biometric details (such as the face, body), can recognize the same person from different imagery under challenging conditions. Though identifying people remains a classic problem in vision, it is still far from being a solved problem, therefore establishing a clear, constant and recurrent topic in recent conferences. This community effort is referred to, in general, as Human Identification in the wild.

The term in the wild emphasizes the difficult, intrinsic nature of analyzing this type of imagery, strongly affected by noise, due to changes in illumination, target pose, occlusion, and a variety of other challenges not present in controlled environments. Although, currently, the main applications for human identification remain video-surveillance, there is a plethora of other applications taking advantages from it. Additionally, a novel effort emerged from recent works to use multiple cues for recognizing people from multiple viewpoints, under extreme conditions, by weighting the interplay between multiple recognition methods (face recognition, person re-identification, recognition through attributes).

The aim of this workshop is to bring together leading researchers working on automatic human recognition to advocate and promote new research directions to video-surveillance as well as other, less obvious, domains such as entertainment, social network analysis, privacy preserving, customer behavior analysis, de-identification methods.

Topics of interest include (but are not limited to):
- Face Recognition in the wild
- Person Detection and Re-identification
- Deep Learning for Human Recognition
- Face Detection and Face Tracking to support recognition
- Identification using soft-biometrics
- Open-set Identification Methods
- Gait-based Recognition
- Identification techniques to deal with partial, corrupted and noisy data
- Scalable methods for face and person recognition
- Attributes that improve identification
- Interplay and fusion between face and person re-identification methods
- De-identification methods (how to preserve the identity)
- Implication of human identification on social networks and social media

- Datasets for human identification using multiple, different cues.
- Theoretical studies showing integration of multi-recognition methods
- Machine learning applied to identification
- New evaluation metrics for open-world human identification

Invited Speakers

We are glad to have renowned speakers from academia and industry, working on the leading edge of face recognition and person re-identification:

Ioannis A. Kakadiaris, University of Houston
Home Page: http://cbl.uh.edu/pages/aboutcbl/dr_kakadiaris_biography

Erik G. Learned-Miller, University of Massachusetts Amherst
Home Page: http://people.cs.umass.edu/~elm/

Stan Z. Li, Institute of Automation, Chinese Academy of Sciences
Home Page: http://www.nlpr.ia.ac.cn/users/szli/

Gerard Medioni, University of Southern California, USA / Amazon
Home Page: http://iris.usc.edu/people/medioni/

Wanli Ouyang, The Chinese University of Hong Kong
Home Page: http://www.ee.cuhk.edu.hk/~wlouyang/

Chunhua Shen, University of Adelaide
Home Page: http://cs.adelaide.edu.au/~chhshen/

More international speakers to come.

Submission and Revision

All submissions will be handled electronically via the conference's CMT Website (link will be provided soon).

The format for paper submission is the same as the ICCV main conference.
More info will be soon available on the CHI workshop website.

CHI workshop reviewing will be double-blind. Each submission will be reviewed by at least three reviewers for originality, significance, clarity, soundness, relevance and technical contents.

Papers that are not blind, or do not use the template, or have more than 8 pages (excluding references) will be rejected without review.

Workshop Chairs

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