VideoRec'07: International workshop on
Video Processing and Recognition

May 28-30, Montreal, Canada
Marriott Chateau Champlain
www.computer-vision.org/VideoRec07

In conjunction with Canadian Conference on Computer & Robot Vision (CRV'07), Artificial Intelligence (AI'07), Computer Graphics (GI'07) and Precarn Intelligent Systems (IS'07) conferences

Important dates:

January 12	*Tier 1 submissions due*
February 20	*Acceptance/rejection*
March 16	*Final paper due*
April 10	*Tier 2 submissions due*
April 30	*Final poster/demo due*

Program Chairs:

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Program Committee:

Andy Adler, Carleton U., Canada
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Organized by:

Computational Video Group of Institute of Information Technology of National Research Council of Canada (IIT-NRC)

Sponsored by:

Canadian Image Processing and Pattern Recognition Society (CIPPRS)

Endorsed by:

International Association for Pattern Recognition (IAPR)

Proceedings published by:

Institute of Electrical and Electronics Engineers (IEEE)

Aims and layout: The First International Workshop on Video Processing and Recognition (VideoRec'07) is organized in response to the ubiquitous presence and availability of video data and its increasing importance in many applications including security, television, entertainment, and Internet. The workshop is aimed at providing a forum for computer vision researchers to share and demonstrate their latest research in video processing and recognition and, hence, producing a collection of high-quality computer vision papers contributing to the development of video data processing analysis and recognition.

The workshop follows-up the previous Workshops on Video Processing: Video Processing for Security (VP4S-06), Face Processing in Video: FPiV'04 (held jointly with CVPR'04) and FPiV'05 (held jointly with CRV'05), focusing entirely on processing and analyzing video data coming from such sources as TV, surveillance cameras or web/PDA cameras, with its interest extended from face detection, tracking, recognition, coding etc. to people, objects, scene, action and event detection, tracking and recognition, etc..

The workshop will consist of one day of oral and poster presentations and is open to attendees of all joint conferences. Registration to the workshop entitles one to attend all other joint conferences, and vice versa. Student participation is encouraged by significantly discounted registration fees.

Tier I (Full paper) submission and review: Original full-size papers written in English analyzing video for recognition and understanding are welcomed for submission. Reviewing of the papers will be double blind. Each paper will be reviewed by at least three Program Committee members. Topics include but are not limited to:

- faces in video: tracking, detecting, memorizing and recognizing faces in video
- people in video: tracking and backtracking people in video, pedestrians
- objects in video: searching and tracking, vehicles
- scene, event and activity in video: detection and annotation
- video-based alarm systems and video for crime prevention
- making video more intelligent, - video database mining
- multiple-person and gang tracking, - multi-camera people tracking
- video for biometrics, soft- and hard- biometrics from video
- face biometrics, - face modeling, - gait recognition
- facial expression recognition and classification, and representation
- combining video data with other sensor data: range, photo, fingerprints
- video over internet, issues related to privacy of video
- performance evaluation for face in video problems
- video-based benchmarks and databases
- processing of video from stereo and panoramic cameras
- combining video and audio for person detection/recognition
- video-based interfaces and computer-human interaction for security
- analyzing multiplexed video, demultiplexing of video
- improving quality of video: anti-aliasing and super-resolution

Papers should be submitted electronically via the workshop website. They should not include any information that would indicate the author's identity.

Tier 2 (late, poster, demo) submission: The rejected papers and late submissions are welcomed for submission to the workshop's Poster/Demo session. Posters/Demos papers will not be published in the Proceedings. They will thus have however the same exposure to the attendees of all joint conferences as other workshop papers, and will be included on the workshop website. To submit a poster/demo paper, email extended abstract or .pdf file of the paper to the Workshop Chairs by the Tier 2 Submission due date.

Proceedings: Tier 1 accepted papers will be published by IEEE as part of the CRV'07 Proceedings, electronically archived into the IEEE Computer Society's digital library, the IEEE's XPlore and IEL digital libraries, indexed through the INSPEC indexing service. Tier 2 accepted submissions will be published online at the workshop web-site.