



PETS'2001
in conjunction
with
CVPR'01

FIRST ANNOUNCEMENT and CFP

2nd IEEE International Workshop on Performance Evaluation of Tracking and Surveillance

December 2001

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PETS2001 continues the theme of the highly successful PETS2000 workshop held at IEEE FG'2000. The theme is performance evaluation of tracking and surveillance. In recent years there has been considerable interest in the visual surveillance of wide area scenes. Successful tracking is the key to the automatic interpretation (e.g. natural language descriptions) of scenes which, in turn, is of considerable practical importance to surveillance applications.

The growth in the development of the field has not been met with complementary systematic performance evaluation of developed techniques. It is especially difficult to make comparisons between algorithms if they have been tested on different datasets under widely varying conditions.

The PETS workshop series is unique in that all participants are testing algorithms on the same datasets - e.g. image sequences of a wide area scene containing both moving people and vehicles. The datasets will be made available to participants of the workshop session. The aims of the workshop are several-fold:

- to bring together researchers interested in the area of visual surveillance
- to apply different algorithms to the same dataset(s)
- to evaluate the differences between different models and algorithms
- to discuss which criteria should be used for objective evaluation
- to discuss how to document the performance (including accuracy) of visual surveillance algorithms
- to discuss the development of a methodology for testing algorithms
- to discuss the ongoing development of a testbed and guidelines for performing empirical comparative tests.

PETS'2001 is single track with presentations of contributed papers, invited speakers, and a panel discussion. A selection of the best papers will be published separately in a special issue of a leading vision journal.

Important Dates

Deadline for paper submission:	August 1 2001
Deadline for camera-ready copy:	October 1 2001
Date of workshop:	December 2001

For further information on the workshop including electronic submission procedures please visit the web site

<http://visualsurveillance.org/PETS2001>

PETS'2001 is organised in cooperation with
IEEE Computer Society and PAMI TC.