IAPR MVA2011

IAPR CONFERENCE ON MACHINE VISION APPLICATIONS

CALL FOR PAPERS

June 13-15, 2011
Nara Centennial Hall
Nara, JAPAN

Sponsors:
MVA Organization
IAPR TC-8
NAIST

The Twelfth IAPR Conference on Machine Vision Applications will be held at Nara Centennial Hall, Nara, JAPAN (http://www.nara100.com/), from June 13 through 15, 2011. The conference is co-sponsored by the MVA Organization, IAPR TC-8 and NAIST. The purpose of the conference is to bring together researchers and practitioners from both academia and industry, so that they can exchange their knowledge and stimulate each other through intensive discussions mainly on (but not limited to) the research topics listed below.

Main Topic: Machine Vision and its Applications

Algorithms
Feature Extraction, Surface Reconstruction, Range Data and 3D Analysis, Motion and/or Image Sequence Analysis, Color Image Analysis, Pattern Recognition, Statistical Image Processing, Object Recognition

Architectures
Vision Chips, Vision Sensors with New Optical Systems, Architectures for 3D and/or Motion Processing, Image Processing Systems, Cooperative Distributed Systems, Software Environments for Image Processing and Analysis

Human Computer Interaction
Face Recognition, Motion Tracking/Capturing, Gesture Recognition, Behavior Recognition, Augmented/Mixed Reality, Wearable Computing

Applications
- **Factory Automation:** Visual Inspection, Diagnosis, Assembly

- **Intelligent Transport Systems:** Traffic Monitoring, Traffic Control, Driving Safety Assistance, Electric Toll Collection
- **Security Systems:** Surveillance, Alarm Systems, Biometrics and Personal Identification, Home Security and Monitoring System
- **Robots:** Mobile Robots, Service Robots, Space Robots, Home Robots
- **Medical Systems:** General Medical Image Computing, Computer-Aided Detection and Diagnosis, Computational Anatomy, Biomedical Systems
- **Multimedia:** Image Retrieval, Drawing Processing, Digital Archiving, Multimedia Databases and Analysis, 3DTV, Free Viewpoint Video
- **Industry Applications:** Civil and Construction Engineering, Agriculture / Forestry / Fishery, Remote Sensing

The conference will consist of oral and poster presentations on the above topics. All presentations will be in English. Authors should submit a full paper up to four pages. The submission of the paper must be made electronically. Detailed instructions are available on the MVA Organization web site: http://www.mva-org.jp/. If the paper is accepted, at least one of the authors must attend the conference to present the paper.

Important Dates

Full Paper (4 pages) Submission Deadline:	**December 15, 2010**
Notification of Acceptance:	**February 25, 2011**
Camera-Ready Manuscripts Deadline:	**March 25, 2011**

MVA2011

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