IAPR MVA2009

IAPR CONFERENCE ON MACHINE VISION APPLICATIONS

FIRST
CALL FOR PAPERS

May 20-22, 2009
Keio University
Yokohama, JAPAN

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IAPR CONFERENCE ON MACHINE VISION APPLICATIONS

CALL FOR PAPERS

MVA2009: IAPR Conference on Machine Vision Applications
May 20-22, 2009
Keio University, Yokohama, JAPAN

The Tenth IAPR Conference on Machine Vision Applications will be held at Keio University, Yokohama, JAPAN (http://www.keio.ac.jp/), from May 20 through 22, 2009. The conference is co-sponsored by the MVA Conference Committee, IAPR TC-8, and The University of Tokyo. 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, Neural Networks, Pattern Recognition, and related technologies

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, and related technologies

Applications

- **Factory Automation:** 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, Forensic System

- **Robots:** Mobile Robots, Service Robots, Space Robots, Home Robots
- **Medical Systems:** Medical Examination Assistance, Remote Medicine, 2D/3D Computer Tomography, Computer-Aided Detection
- **Geographic Information Systems:** Map Processing, 3D Reconstruction from Photographs or Maps
- **Multimedia:** Image Retrieval, Drawing Processing, Digital Archiving, Multimedia Databases and Analysis, 3DTV, Free Viewpoint Video
- **Action Analysis and Recognition:** Gesture Recognition, Behavior Recognition
- **Human Computer Interaction:** Face Recognition, Motion Tracking/Capturing, Wearable Computing, Multi-modal Interface, Personal Imaging, Ubiquitous Computing
- **Vision and Graphics:** Augmented / Mixed Reality
- **Others:** Civil and Construction Engineering, Agriculture/ Forestry / Fishery, Other Applications

The conference will consist of oral and poster presentations on the above topics. All presentations will be in English. Authors should submit an extended summary up to four pages with at least one main figure. Any format is acceptable. The submission of the extended summary must be made electronically. Detailed instructions are available on the MVA Organization web site: http://www.mva-org.jp/.

Important Dates

Full Paper (4 pages) Submission Deadline:	**November 7, 2008**
Notification of Acceptance:	**January 16, 2009**
Camera Ready Manuscripts Deadline:	**March 13, 2009**