

IAPR MVA 2013

IAPR INTERNATIONAL CONFERENCE ON MACHINE VISION APPLICATIONS

CALL FOR PAPERS

May 21-23, 2013
Suzaku Campus, Ritsumeikan University
Kyoto, Japan

General Chair

Yoichi SATO (The University of Tokyo)

Program Chair

Masaki SUWA (Omron)

The Thirteenth IAPR International Conference on Machine Vision Applications will be held from May 21 through 23, 2013 at the Suzaku Campus, Ritsumeikan University, in Kyoto, Japan. The conference is co-sponsored by the MVA Organization, IAPR TC-8, and Ritsumeikan University. The conference is aimed for bringing together researchers and practitioners from both academia and industry for stimulating exchange of knowledge through intensive discussions mainly on (but not limited to) the research topics listed below.



Nijo Castle

Sponsors: MVA Organization, IAPR TC-8, and Ritsumeikan University

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 and Robotics:** Visual Inspection, Diagnosis, Assembly, Mobile Robots, Service Robots, Space Robots
- **Intelligent Transport Systems:** Traffic Monitoring, Autonomous Vehicles, Driving Safety Assistance
- **Security Systems:** Surveillance, Biometrics and Personal Identification, Home Security and Monitoring System
- **Medical Systems:** Computer-Aided Diagnosis, Computational Anatomy, Biomedical Systems
- **Multimedia:** Image Retrieval, Document Analysis, Digital Archiving, Multimedia Databases and Analysis, 3DTV, Free Viewpoint Video
- **Remote Sensing and Industrial Applications:** Civil and Construction Engineering, Agriculture / Forestry / Fishery

Authors should submit a full paper, up to four-pages long. The submission of the paper must be made electronically. If the paper is accepted, at least one of the authors must attend the conference to present the paper.

Presented papers will be considered for *Best Paper Award*, *Best Application Paper Award*, and *Best Poster Award*.

Extended versions of award-winning papers and selected papers from the conference will be recommended to a special issue of the *Machine Vision and Applications* journal.

Important Dates

Full Paper (4 pages) Submission Deadline:

December 14, 2012

Notification of Acceptance:

February 22, 2013

Camera-Ready Manuscripts Deadline:

March 22, 2013

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