

# Call for Participation

<http://www.mva-org.jp/mva2015/>



# MVA2015

IAPR INTERNATIONAL CONFERENCE ON MACHINE VISION APPLICATIONS

May 18-22, 2015

National Museum of Emerging Science and Innovation, Tokyo, Japan

The Fourteenth IAPR International Conference on Machine Vision Applications will be held at the MIRAikan: National Museum of Emerging Science and Innovation in Tokyo, Japan from May 18 through 22, 2015. The conference is co-sponsored by the MVA Organization, IAPR TC-8 and AIST JAPAN. The aim of this conference is to bring together researchers and practitioners from both academia and industry, and to stimulate the exchange of knowledge through intensive discussions on the cutting-edge research topics listed below.



Copyright: Tokyo Convention & Visitors Bureau  
Night view of ODAIBA, near the conference site

## Main Topic: Machine Vision and its Applications

### Sensing

Vision Sensors, Sensors for 3D / Motion, Shape from X, Optical Phenomenon Sensing, Color / Multiband, Invisible Wavelength Imaging, Registration / Alignment, Calibration

### Algorithms

Feature Extraction, Shape / Motion / Deformation Analysis, Change and Background, Tracking, Color / Multiband Analysis, Segmentation, Pattern Recognition, Object Recognition, Statistical Image Processing, Large-Scale Data Analysis, Image Processing System Architecture

### Applications

· **Factory Automation and Robotics:** Visual Inspection, Diagnosis, Assembly, Mobile Robot, Digital Fabrication, Service Robot, Rescue Robot

- **Intelligent Transport Systems:** Traffic Monitoring, Autonomous Vehicles, Driving Safety Assistance
- **Surveillance:** Security Monitoring, Camera Network, Remote Sensing, Underwater
- **Human Computer Interaction:** Face / Gesture / Behavior / Gait, Gaze Analysis, Biometrics, Wearable Computing, First Person Vision
- **Biomedical:** Tomography, Endoscopy, Computer-Aided Diagnosis, Computer Assisted Surgery, Computational Anatomy, Bioinformatics, Nursing Care
- **Multimedia:** Database Archiving and Retrieval, Document, Culture and Heritage, VR / MR / AR, Entertainment
- **Life:** Agriculture / Forestry / Fishery, Civil / Construction Engineering, Commerce, Sports, Fashion, Home, Science

## IAPR Invited Talks

· **Prof. Tomas Pajdla (Czech Technical University in Prague)**

· "3D Reconstruction from Photographs - Principles and Applications"

· **Prof. Johji Tajima (Nagoya City University)**

· "Color Image processing from the physical, psychological and biological viewpoints"

· **Prof. Ramin Zabih (Cornell University)**

· TBA

## Tutorial Courses

· **Dr. Vishal M. Patel (University of Maryland, Center for Automation Research)**

· "Domain Adaptation for Visual Recognition"

· **Dr. Kota Yamaguchi (Tohoku University)**

· "Effective Dataset Construction in Computer Vision"

## Schedule:

- May 18, 2015: Tutorial Courses
- May 19, 2015: Main Conference (IAPR Invited Talk)
- May 20, 2015: Main Conference (IAPR Invited Talk, Young Researchers Meeting, Demo Session.)
- May 21, 2015: Main Conference (IAPR Invited Talk, Demo Session)
- May 22, 2015: Technical Tour

**Registration and Payments:** Participants wishing to make registration should apply online during the following period.

Registration site: <http://www.mva-org.jp/mva2015/> -> “Attending MVA” -> “Registration”  
Speakers: until March 20, 2015  
Early Registration: until April 20, 2015  
Late Registration: April 21 – May 7, 2015

Please ensure that each registrant makes his/her own online registration.

Code	By March 20, 2015	By April 20, 2015	By May 7, 2015	On-site
Speaker	JPY40,000	Speakers must register by March 20, 2015		
Participant (member*)	JPY40,000		JPY45,000	JPY50,000
Participant (non-member)	JPY45,000		JPY50,000	JPY55,000
Non-presenter senior (65 years of age and older)	JPY10,000			
Non-presenter student	JPY10,000			
Tutorial	JPY5,000			
Technical Tour	Free			
Young Researchers Meeting	Free			
Extra page	JPY10,000 / page			

Note: Reduced member fee is applied if the participant is a member of either one of the IAPR regional representative societies or societies in cooperation with MVA2015.

JTB Global Marketing & Travel Inc. has been appointed as the official registration office for the conference.

Registration Office:

JTB Global Marketing & Travel Inc.

Convention Center (CD289299-366)

2-3-11 Higashi-Shinagawa, Shinagawa-ku,

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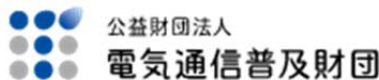
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**Sponsors:** MVA Organization, IAPR TC-8 and AIST JAPAN



**Supported by:** The Telecommunications Advancement Foundation



**In cooperation with:** The Information Processing Society of Japan, The Institute of Electrical Engineers of Japan, The Institute of Electronics, Information and Communication Engineers, The Institute of Image Information and Television Engineers, The Institute of Systems, Control and Information Engineers, The Institute of Image Electronics Engineers of Japan, The Japanese Society for Artificial Intelligence, The Japanese Society for Non-destructive Inspection, The Japan Society for Precision Engineering, The Robotics Society of Japan, The Society of Academic Study on Sensing via Image Information, The Society of Automotive Engineers of Japan, The Society of Instrument and Control Engineers and The Virtual Reality Society of Japan.

For more details, please visit <http://www.mva-org.jp/> or contact: **MVA Organization, c/o Prof. Hideo SAITO**



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