

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.



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)**

· “Creating better medical images with higher-order priors”

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,

Tokyo 140-8604 Japan

Fax: +81-3-5495-0685

Phone: +81-3-5796-5445

E-mail: mva2015-reg@gmt.jtb.jp

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



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



Dept. of Information and Computer Science, Keio University
3-14-1 Hiyoshi, Kohoku-ku, Yokohama, Kanagawa 223-8522, Japan

MVA CONFERENCE COMMITTEE

General Co-Chairs

Yasuyo KITA (AIST)

Hiroshi ISHIKAWA (Waseda University)

Publication Co-Chairs

Norimichi UKITA (NAIST)

Eigo SEGAWA (Fujitsu)

Norichika YUI (Advanced Communication Media)

Financial Co-Chairs

Yoshihisa IJIRI (OMRON)

Ryuzo OKADA (Toshiba)

Program Co-Chairs

Takeshi MASUDA (AIST)

Björn STENGER (Toshiba Research Europe)

Publicity Co-Chairs

Kunio NOBORI (Panasonic)

Ichiro IDE (Nagoya University)

Joachim DENZLER (Friedrich-Schiller-University Jena)

Greg MORI (Simon Fraser University)

Hongbin ZHA (Peking University)

Web Co-Chairs

Shiro KUMANO (NTT)
Yoshihiko MOCHIZUKI (Waseda University)

Poster Co-Chairs

Takuya FUNATOMI (Kyoto University)

Tutorial Co-Chairs

Kyoko SUDO (NTT)
Hitoshi HABE (Kinki University)

Technical Event Co-Chairs

Noriko SHIMOMURA (Nissan)

Shotaro MIWA (Mitsubishi Electric)

Local Arrangement Co-Chairs

Shunsuke KUDOH (The Univ. of Electro-Communications)
Shuntaro YAMAZAKI (AIST)
Masaki ONISHI (AIST)

Secretaries

Yoshiko MATSUURA (The University of Tokyo)
Toshiko KABASHIMA (Keio University)

Organizing Committee Members

Kouta FUJIMURA (Factory Vision Solutions)
Yohei MINEKAWA (Hitachi)
Koichiro YAMAGUCHI (Toyota Central R&D Labs.)

Takahiro YOSHIOKA (Fujitsu Laboratories)
Masato ISHII (NEC)
Yuko UEMATSU (Secom)

Mitsuru AMBAI (Denso IT Laboratory)
Takayuki SEMITSU (Mitsubishi Electric)

Advisory Board Members

Masakazu EJIRI (R&D consultant)
Katsushi IKEUCHI (The University of Tokyo)
Masatsugu KIDODE (NAIST)

Hideo SAITO (Keio University)
Katsuhiko SAKAUE (AIST)
Hiroshi SAKO

Shigeru SASAKI (Fujitsu)
Johji TAJIMA (Nagoya City University)

Conference Advisory Board Members

Yoichi SATO (The University of Tokyo)
Akihiro SUGIMOTO (NII)
Masaaki MOCHIMARU (AIST)

Masaki SUWA (OMRON)
Kazuhiro SUMI (Aoyama Gakuin University)
Darius BURSCSKA (Technische Universität München)

Shigeki SUGANO (Waseda University)
Eiichi YOSHIDA (AIST)

Program Committee Members

Moataz ABDELWAHAB
J. K. AGGARWAL
Philippe BOLON
Pierre BOULANGER
Aurélio CAMPILHO
Sharat CHANDRAN
Chia-Yen CHEN
Cheng-Chieh CHIANG
Naoki CHIBA
Tae Eun CHOE
Sonya COLEMAN
Franck DAVOINE
Robert FISHER
Hironobu FUJIYOSHI
Guy GODIN

Igor GUROV
Manabu HASHIMOTO
Ki-sang HONG
Hui-Yu HUANG
Mattias JOHANNESSON
Pieter P. JONKER
Masataka KAGESAWA
Sei-ichiro KAMATA
Shun'ichi KANEKO
Hiroshi KANO
Abdelaziz KHIAT
Makoto KIMURA
Itaru KITAHARA
Reinhard KLETTE
Hiroyasu KOSHIMIZU

Yoshinori KUNO
Takio KURITA
Makoto KURUMISAWA
Raphaël LABAYRADE
Shiying LI
Tyng-Luh LIU
Bao-Liang LU
Atsuto MAKI
Geovanni MARTINEZ
Piotr MIROWSKI
Guillaume MOREAU
Daniel MORRIS
Yasuhiro
MUKAIGAWA
Vittorio MURINO

Hiroshi NAGAHASHI
Hiroaki NAKAI
Akio NAKAMURA
Yuichi NAKAMURA
Frank NIELSEN
Heinrich NIEMANN
Munetoshi NUMADA
Kazunori ONOGUCHI
Soon-Yong PARK
Erik RODNER
Takeshi SAITOH
Shin'ichi SATOH
Shuji SENDA
Myriam SERVIÈRES
Takeshi SHAKUNAGA

Shiguang SHAN
Yusuke SUGANO
Yasuhiro TANIGUCHI
Masashi TODA
Akihiko TORII
Du-Ming TSAI
Akira UTSUMI
Koji WAKIMOTO
Paul WHELAN
Toshihiko YAMASAKI
Takayoshi YAMASHITA
Kimitoshi YAMAZAKI
June-Ho YI
Pong C YUEN
Huijing ZHAO

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



Dept. of Information and Computer Science, Keio University
3-14-1 Hiyoshi, Kohoku-ku, Yokohama, Kanagawa 223-8522, Japan