

# ICPR

The 21st International  
Conference on Pattern Recognition

# 2012

November

# 11-15, 2012

Tsukuba International Congress Center  
Tsukuba Science City, JAPAN

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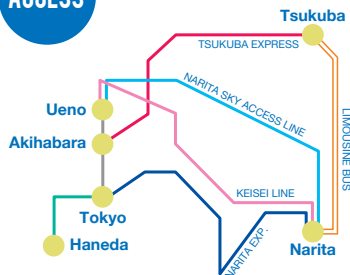
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## Important Dates

Deadline for paper submission	March 31, 2012
Notification of paper acceptance	June 15, 2012
Camera ready papers and author registration	July 15, 2012
Deadline for workshop proposal	January 6, 2012
Deadline for tutorial proposal	April 30, 2012
Deadline for contest proposal	July 15, 2011

## ACCESS



Tsukuba Science City is about 50 km northeast of Tokyo and 40 km northwest of the Narita International Airport. The Haneda International Airport is 10 km south of Tokyo. The Tsukuba Express Line connects Tsukuba/Akihabara in 45 min.

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www.icpr2012.org

# Call for Papers - ICPR 2012 (The 21st International Conference on Pattern Recognition)

November 11-15, 2012, Tsukuba International Congress Center, Tsukuba Science City, JAPAN

ICPR2012 will be an international forum for discussions on recent advances in the fields of Computer and Robot Vision; Virtual Reality and Medical Applications; Pattern Recognition and Applications; Signal, Speech and Image/Video Processing; Document Analysis.

## Important Dates

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Deadline for paper submission	March 31, 2012
Notification of paper acceptance	June 15, 2012
Camera ready papers and author registration	July 15, 2012

## Tracks and Keywords

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### Track1: Computer and Robot Vision

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- Low-Level Vision
- Physics-Based Vision
- Computational Photography
- Features and Image Descriptors
- Segmentation, Color and Texture
- Motion, Tracking and Video Analysis
- 2D/3D Object Detection and Recognition
- Scene Understanding
- Stereo and Image-Based Modeling
- Vision for Graphics
- Vision for Robotics
- Cognitive and Embodied Vision

### Track 2: Virtual Reality and Medical Applications

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- Mixed and Augmented Reality
- Geometric and Photometric Registration
- Inpainting and Superimposing
- Occlusion and Shadow Detection
- Human Computer Interaction
- Display Hardware
- Medical Image Analysis and Registration
- Computer-Aided Diagnosis and Surgery
- VR/MR in Medical Education

### Track 3: Pattern Recognition and Applications

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- Statistical, Syntactic and Structural Pattern Recognition
- Machine Learning and Data Mining
- Neural Networks
- Feature Reduction and Manifold Learning
- Classification and Clustering
- Gesture and Behavior Analysis
- Biometrics
- Pattern Recognition for Bioinformatics
- Pattern Recognition for Surveillance and Security
- Pattern Recognition for Search, Retrieval and Visualization
- Pattern Recognition for Art, Cultural Heritage and Entertainment

### Track 4: Signal, Speech and Image/Video Processing

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- Speech and Audio Processing
- Speech and Audio Analysis
- Image and Video Processing
- Image and Video Understanding
- Enhancement, Restoration and Filtering
- Detection, Separation and Segmentation
- Coding and Compression
- Multimedia Analysis, Indexing and Retrieval
- Remote Sensing
- Signal Processing for Astronomy

### Track 5: Document Analysis

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- Character and Text Recognition
- Handwriting Recognition
- Graphics Recognition
- Layout Analysis
- Document Understanding
- Performance Evaluation
- Historical Document Analysis
- Document Analysis Systems
- Camera-Based Document Analysis

## ICPR 2012 Paper Awards

Paper awards in four categories, Piero Zamperoni Best Student Paper Award, ICPR2012 Best Student Paper Awards, Best Industry Related Paper Award, Best Scientific Paper Awards, will be presented at ICPR 2012. Brief information on each of these awards is provided on our website. Authors interested in nominating their papers for the paper awards should follow the guidelines on the paper submission page.

## ICPR 2012 Policy for No-Shows

ICPR2012 reserves the right to exclude a paper from distribution after the conference (e.g., removal from IEEE Xplore) if the paper is not presented at the technical meeting. In particular, a paper accepted for the ICPR 2012 technical program will not be published on IEEE Xplore if its authors or a proxy do not present the paper at the Conference.

## Contact Information

Email

[pcchairs@icpr2012.org](mailto:pcchairs@icpr2012.org)

Website

<http://www.icpr2012.org>