

# ICMV 2017

The 10<sup>th</sup> International Conference on

Machine Vision

Nov. 13-15, 2017 Vienne, Austria

## About ICMV 2017

ICMV conference is initiated by School of Electronics, Si Chuan University, China, assisted by Halmstad University, Sweden, University of Barcelona, Spain. ICMV 2017 will take place in Vienna, Austria during November 13-15, 2017.

The emergence of Machine Vision as a ubiquitous platform for innovations has laid the foundation for the rapid growth of the Information. Side-by-side, the use of mobile and wireless devices such as PDA, laptop, and cell phones for accessing the Internet has paved the ways for related technologies to flourish through recent developments. In addition, the Machine Vision Technology is promoting better integration of the digital world with physical environment. This conference serves to foster communication among researchers and practitioners working in a wide variety of scientific areas with a common interest in improving Machine Vision related techniques.

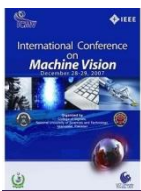
High quality, original papers are solicited in all areas of Machine Vision. The final program will be the result of a highly selective review process designed to include the best work of its kind in every category. The program will include invited talks as well as oral and poster presentations of refereed papers.

## Proceedings

The papers will be published by SPIE. Conference Proceedings will be indexed by EI, SCOPUS, ISI, etc.

# SPIE

## Conference History



ICMV 2007 (Islamabad, Pakistan)/IEEE  
Indexing: <http://www.icmv.org/images/history/2007INDEX.jpg>



ICMV 2009 (Dubai, UAE)/IEEE/Online in Xplore:  
<http://ieeexplore.ieee.org/xpl/tocresult.jsp?isnumber=5380895&isYear=2009>  
Indexing: <http://www.icmv.org/images/history/2009INDEX.jpg>



ICMV 2011 (Singapore)/SPIE, Vol.8349,8350/Online in Xplore:  
<http://spie.org/Publications/Proceedings/Volume/8349>  
Indexing: <http://www.icmv.org/images/history/2011INDEX.jpg>



ICMV 2012 (Wuhan, China)/Conference proceedings-SPIE  
Vol.8783,8784/Online in Xplore:  
<http://spie.org/Publications/Proceedings/Volume/8783>  
Indexing: <http://www.icmv.org/images/history/2012INDEX.jpg>

## Call for Paper

**Machine Vision, Image Processing, and Pattern Analysis**

Imaging Sensors  
Color and Texture Analysis  
Segmentation  
Motion and Tracking  
Stereo Vision  
Biometrics Recognition  
Image-Based Modeling  
Calibration and Geometry  
Illumination and Reflectance Modeling  
Soft Computing for Machine Vision  
Physics-Based Modeling  
Artificial Intelligence for Machine Vision  
Video Analysis  
Face and Gesture Recognition  
Action and Event Recognition  
Similarity/Dissimilarity Metrics  
Machine Learning  
Performance Evaluation  
Medical Image Analysis  
Image and Video Retrieval  
Structure from Motion



ICMV 2013 (London, UK)/Conference proceedings-SPIE  
Vol.9067/Online in  
Xplore:<http://spie.org/Publications/Proceedings/Volume/9067>  
Indexing:<http://www.icmv.org/images/history/2013INDEX.jpg>

ICMV 2014 (Milano, Italy)/Conference proceedings-SPIE  
Vol.9445/Online in  
Xplore:<http://spie.org/Publications/Proceedings/Volume/9445>  
Indexing: <http://www.icmv.org/images/history/2014INDEX.jpg>

ICMV 2015 (Barcelona, Spain)/Conference proceedings-SPIE  
Vol.9875/Online in  
Xplore:<http://spie.org/Publications/Proceedings/Volume/9875#/>  
Indexing:<http://www.icmv.org/images/history/2015INDEX.jpg/>

ICMV 2016 (Nice, France)/Conference proceedings will be published soon.

### Group Photos



ICMV 2011 (Singapore)



ICMV 2012 (Wuhan, China)



ICMV 2013 (London, UK)



ICMV 2014 (Milano, Italy)



ICMV 2015 (Barcelona, Spain)



ICMV 2016 (Nice, France)

Image Registration  
Image Enhancement  
Clustering  
Morphology and Blob Analysis  
Applications of Machine Vision

### Computer Vision and Image Analysis

Active Vision  
Early Vision  
Feature Extraction  
Motion Analysis  
Representation  
Recognition (2D and 3D)  
Texture and Colour  
Scene Understanding  
Segmentation  
Shape from X  
Visual Navigation

### Pattern Recognition and Basic Technologies

Statistical Pattern Recognition  
Structural and Syntactic Pattern Recognition  
Neural Networks  
Machine Learning and Data Mining  
Artificial Intelligence and Symbolic Learning  
Classification and Clustering  
Feature Selection, Dimensionality Reduction, Manifold Learning  
Kernel Methods and Support Vector Machines  
Invariance in Recognition  
Multiresolution Techniques  
OCR, Document Analysis and Understanding  
Information Retrieval



### Important date

Submission deadline: Sep. 15, 2017  
Notification of acceptance: Sep. 30, 2017  
Registration deadline: Oct. 15, 2017

## Keynote Speakers

Prof. Antanas Verikas, Halmstad University, Sweden  
Prof. Petia Radeva, University of Barcelona, Spain  
Prof. Dr. Petra Perner (IAPR Fellow) Institute of Computer Vision and Applied Computer Sciences, Leipzig, Germany  
Prof. Dmitry Nikolaev, Russia Academy of Science, Russia  
Prof. Alexander Bernstein, Skolkovo Institute of Science and Technology (Skoltech), Moscow, Russia Federation



### Contact

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See you in Vienna, Austria

<http://www.icmv.org/>