
CALL FOR PAPERS

SPIE 10th International Symposium on Multispectral Image Processing and Pattern Recognition (MIPPR)

**October 28-29, 2017
Xiangyang, China**

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National Key Laboratory of Science and Technology on Multi-spectral Information Processing (China)
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Submit Your Abstracts and Plan to Participate

In 2015, the 9th International Symposium on Multispectral Image Processing and Pattern Recognition (MIPPR) was held in the beautiful city of Enshi, China. The symposium was a great success. About 300 oral and poster papers describing the latest research on image processing and pattern recognition were presented. Participants also had the chance to visit local attractions.

The 10th SPIE International Symposium on Multispectral Image Processing and Pattern Recognition (MIPPR2017) will be held on October 28-29, 2017 in Xiangyang, about 200 miles from Wuhan. Xiangyang is the second largest city in Hubei Province. It has a rich history, dating back 2800 years. Major battles were fought here during the Three Kingdoms period, approximately 191 A.D. Conference attendee will have the opportunity to visit historical sites and local attractions.

MIPPR2017 intends to bring together scientists, professors, engineers, and graduate students in the field and provide a forum for presentation and discussion of recent advances in theory, techniques, algorithms and applications in multispectral image processing and pattern recognition. In addition to contributed papers, keynote and invited talks by leading experts in the world are planned. We encourage you to submit your abstracts to the following conferences and topics.

Conference 1: Multispectral Image Acquisition

- Infrared imaging
- Microwave imaging
- Lidar and radar imaging
- Ultrasonic imaging
- Multispectral and hyperspectral imaging
- Medical imaging
- Polarization imaging
- Liquid crystal imaging
- Micro-nano-imaging
- Single photon imaging
- Ultrafast imaging

Conference 2: Multispectral Image Processing and Analysis

- Image filtering
- Image compression
- Image encoding
- Digital watermarking
- Microwave image processing
- Lidar and radar image processing
- Ultrasonic image processing
- Multispectral and hyperspectral image processing
- Wavelet and fractal analysis

Conference 3: Automatic Target Recognition and Navigation

- Edge detection
- Segmentation
- Target recognition and tracking
- Image sequence analysis
- Small dim target detection
- Image feature extraction
- Image Navigation

Conference 4: Pattern Recognition and Computer Vision

- Pattern classification
- Neural networks and deep learning
- Machine vision and machine learning
- Data fusion and mining
- Image match
- 3D modeling and representation

Conference 5: Parallel Processing of Images and Optimization Techniques

- Parallel algorithms and architectures
- Intelligent algorithm
- Bionic algorithm
- Neural computation
- Optimization methods and techniques

Conference 6: Medical Imaging and Processing

- Medical image processing and analysis
- Medical image visualization
- Medical image guided surgery
- Medical image virtual reality
- Computer aided medical systems

Conference 7: Remote sensing image processing and geographic information systems

- Remote sensing image processing

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- Hyperspectral image processing
 - Remote sensing image fusion
 - Geographic information system
 - Image retrieval

Conference 8: Other Applications

- Intelligent Video Surveillance
- Industrial inspection
- Environmental monitoring
- Cultural heritage
- Biometrics
- Other applications

Submit your abstract today!

- Publish your work internationally
- Interact with your peers
- Get real-time feedback

Abstract due date: June 15, 2017

Acceptance notification date: June 30, 2017

Manuscript due date: September 15, 2017

Submissions imply the intent of at least one author to register, attend the symposium, and present the paper (either orally or in poster format).

Your abstract must include all of the following:

1. Title of conference
2. Paper title
3. Authors and institution
4. Corresponding author
5. Purpose
6. Methods
7. Results
8. Conclusions
9. Resume of principal author(Less than 100 words)

How to submit your abstracts

All authors are STRONGLY ENCOURAGED to submit their abstracts by the due date via the Web site located at: <http://spie.org> or <http://mippr.cn>. Please don't submit the same abstract to more than one conferences.

Conditions of Acceptance

- Authors are expected to secure registration fees and travel and accommodation funding, independent of SPIE, through their sponsoring organizations before submitting abstracts.
- Only original research should be submitted.
- Commercial papers, descriptions of papers with no research/development content, and papers where supporting data or a technical description cannot be given for proprietary reasons will not be accepted for presentation in this symposium.
- Abstracts should contain enough detail to clearly convey the approach and the results of the research.
- Government and company clearance to present and publish should be obtained by authors at the time of submission.

Paper Review

To ensure a high-quality conference, all abstracts and Proceedings of SPIE papers will be reviewed by the peers for technical merit and English expression.

Proceedings of SPIE

This conference will result in a full manuscript, editor-reviewed volumes published in the Proceedings of SPIE that can be ordered through the Advance Technical Program. Manuscripts are required of all accepted applicants and must be submitted in English by 15 September 2017. Copyright to the manuscript is expected to be released for publication in the Proceedings of SPIE. Papers published are indexed in leading scientific databases including EI Compendex, ISTP, INSPEC, Physics Abstracts, Chemical Abstracts, International Aerospace Abstracts, and Index to Scientific and Technical Proceedings.

Publishing Policy

Manuscript due dates must be strictly observed. Whether the conference volume will be published before or after the meeting, late manuscripts run the risk of not being published in the Proceedings of SPIE. The objective of this policy is to better serve the conference participants and the technical community at large. Your cooperation is appreciated by all.

Symposium Web Site: <http://www.mippr.cn> and <http://spie.org>

MIPPR 2017 Secretariat

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