



2013 全國計算機會議  
National Computer Symposium(NCS2013)

*December 13-14, Asia University, Taichung*  
*Workshop on Image and Pattern Recognition*

*Call for papers*

**Aim and Scope**

2013 Workshop on **Image and Pattern Recognition** intends to provide a forum for researchers, educators, and professionals to exchange their discoveries and practices. The workshop also explores future trends and applications in these areas and other related areas. Your Participation at the workshop would be an excellent opportunity for you to meet other researchers and to discuss the technology advancements. The 2013 National Computer Symposium (NCS 2013) will be held from December 13-14, 2013 at Asia University, Taichung, Taiwan.

**Topic of Interest**

**Areas of interest include, but are not limited to, the following topics:**

- **Image processing:** Image filtering, restoration and enhancement, image segmentation, morphological processing, stereoscopic and 3-D processing, feature extraction and analysis, interpolation and super-resolution, color and multispectral processing, medical image processing
- **Pattern recognition:** Face detection and recognition, facial expression recognition, gesture recognition, behavior Recognition, emotions recognition, feature selection and extraction, classification and clustering methods, object detection and recognition, document recognition, pattern recognition in new modalities, machine learning



- **Image coding and transmission:** Still image coding, stereoscopic and 3-D coding, distributed image coding, source/channel coding, image retargeting, image transmission over wireless networks
- **Image formation:** Biomedical imaging, 3D imaging, remote sensing, geophysical and seismic imaging, optimal imaging, synthetic-natural hybrid image systems
- **Image scanning, display, and printing:** Scanning and sampling, quantization and halftoning, color reproduction, image representation and rendering, display and printing systems, image quality assessment
- **Image storage, retrieval, and authentication:** Image databases, digital libraries, image search and retrieval, multimodality image indexing and retrieval, authentication and watermarking, content protection and forensics
- **Applications:** Multimedia applications, industrial applications, biomedical sciences, mobile imaging, geosciences and remote sensing, astronomy and space exploration, document image processing, other applications

### Important Dates

論文截稿日期：2013年09月13日

通知接受日期：2013年10月27日

完稿截稿日期：2013年11月08日

大會舉辦日期：2013年12月13-14日

### Workshop Organizing Committee

#### Chairs:

黃仲陵 亞洲大學 資訊多媒體應用學系 clhuang@asia.edu.tw

#### Co-Chairs:

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