

Call for papers

Content Understanding, Modeling, Management and Retrieval, ISM 2015

Miami, Florida, December 14-16, 2015

<http://www.ieee-ism.org>

Area Co-chairs

Qingming Huang, University of Chinese Academy of Sciences, China

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Scope

This area will focus on topics related to content understanding, modeling, management and retrieval. Topics for submission include but are not limited to:

- Multimedia semantic analysis
- Classification, annotation, object detection and concept detection models
- Multi-modal content analysis
- Cross-media analytics for heterogeneous multimedia sources
- Deep learning and representation learning
- Large-scale multimedia indexing, ranking, and re-ranking
- Event analysis in multimedia
- Content search and recommendation for social media
- User behavior modeling and interactive search for user centered multimedia applications.
- Knowledge discovery and data mining from multimedia big data
- Domain specific multimedia search
- Summarization and organization of multimedia collections

Submission Guidelines

Please follow the guidelines on the SUBMISSIONS page of the conference website at <http://www.ieee-ism.org>

Short biography of co-chairs

Qingming Huang

Qingming Huang received the B.S. degree in computer science and Ph.D. degree in computer engineering from Harbin Institute of Technology, Harbin, China, in 1988 and 1994, respectively. He is currently a Professor with the University of the Chinese Academy of Sciences (CAS), China. He is also an Adjunct Research Professor with the Institute of Computing Technology, CAS and Beijing University of Technology. His research areas include multimedia computing, image processing, computer vision, pattern recognition and machine learning. He has published more than 300 academic papers in prestigious international journals including IEEE Trans. on Multimedia, IEEE Trans. on CSVT, IEEE Trans. on Image Processing, etc, and top-level conferences such as ACM Multimedia, ICCV, CVPR, ECCV and VLDB. He is the associate editor of Acta Automatica Sinica, and the reviewer of various international journals including IEEE Trans. on Multimedia, IEEE Trans. on CSVT, IEEE Trans. on Image Processing, etc. He has served as program chair, track chair, area chair and TPC member for various conferences, including ACM Multimedia, CVPR, ICCV, ICME, PSIVT, etc.

Song Gao

Song Gao recently joined Google as a software engineer. He received his PhD in computer and information sciences from the University of Alabama at Birmingham, USA in 2014. His research interests include multimedia data

mining, machine learning, image processing, and computer and network security. The projects he participated include Service Abuse Resilience – design of playful game-based CAPTCHAs, A Photographic Method for Human Body Composition Assessment, Identification of Image Spam Authorship, Machine Classification of Melanoma and Nevi from Skin Lesions, Texture-based Authorship Classification of web images, etc. Gao has an MS in computer science from Chongqing University of Posts and Telecommunications, China.