

The Thirteenth International Conference on Intelligent Information Hiding and
Multimedia Signal Processing (IIH-MSP 2017)

August 12-15, 2017

Matsue, Shimane, Japan

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CALL FOR PAPERS

INVITED SESSION: *Massive image/video compression and transmission for emerging networks*

Nowadays, the instant, network-oriented image/video applications provide new opportunities as well as new challenges to image/video compression and transmission. In today's emerging networks, massive image/video data possess high internal and external correlations, which can make it possible to improve compression efficiency significantly. Taking into account of processing power of mobile devices, low-complexity encoder technology for huge amount of image/video is urgently needed for common users. Considering many web-based applications, real-time transmission is expected to simultaneously guarantee the best possible image/video quality for the diversity of users according to their individual channel characteristics. In this invited session, we solicit papers presenting original and unpublished work on the topics related to this subject. Potential topics include, but are not limited to:

- Large scale image/video coding in the cloud
- High efficient representation for massive image/video
- Low-complexity video encoding for mobile devices
- Image/video compression for web-based applications
- Multiple sources cooperative compression and transmission
- Video multicast over wireless network

Full Paper Due Date: *January 31, 2017*

Notification: *February 20, 2017*

Camera-ready Paper Deadline: *March 20, 2017*

SUBMISSION OF PAPERS

Papers are invited from prospective authors with interests in this particular invited session and related areas of application. All contributions should be original and not published elsewhere or intended to be published during the review period. IIH-MSP-2017 conference proceedings will be published in the book series entitled "Smart Innovation, Systems and Technologies", which is on the EI index list, by Springer. Normally, papers published in this book series will be indexed by EI when the paper quality fits the requirement and the publishing procedures (including the oral presentation) are completed. The

paper length is 6-8 pages for the regular paper. Each paper is allowed to have maximum 2 extra pages with raising USD 100 registration fee per extra page. All papers must be submitted electronically in PDF format only. Details of the required paper format are available at the official IHH-MSP 2017 website (<http://bit.kuas.edu.tw/~iihmsp17>). For further information, please contact the session organizers given below.

Special Session Organizers:

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