

CyberSciTech 2016 Special Session Call for Papers
Special Session on **Big Data Techniques and Image Processing Under Cyber**
(BDTIPCC)

Auckland, New Zealand, August 8-12, 2016
<http://cyberscitech.net/2016/special-sessions/>

Aim and scope (including a list of main topics):

With the rapid progress of cyber technology, large-scale image data can be found on the Internet, bringing significant opportunities for novel processing of image processing, as well as commercial applications. Finding patterns in such image data, understanding them, systematically managing such image data, efficiently processing them, and making best use of them present great challenges. The involved contents are the common problems and core technologies in areas of computer graphics, image processing and machine learning, which has good theoretical significance and application background.

This special session, focusing on image processing with big data techniques under cyber, is intended to provide a major international forum for exchanging novel research ideas and significant practical results. This special session solicits original, unpublished papers (including work-in-progress papers) on the research and development closely related to image processing with big data techniques under cyber. Topics of interest include, but not limited to:

- Theory and algorithms of image super-resolution reconstruction
- Image restoration, division, quantification, the enhancement tool under cyber
- The effective visualization algorithm with big data technique under cyber
- Image classification, composition, retrieval, synthesis, understanding
- Machine learning based on big data technique
- Geometric computing

Important Dates

Submission due: April 15, 2016

Acceptance notification: May 15, 2016

Camera-ready manuscript due: May 31, 2016

Special Session Organizers

Caiming Zhang, Shandong University, Jinan, China

Submission & Publication

Interested authors can submit full technical papers with maximum 6 pages or work-in-progress paper with maximum 4 pages. All submissions should follow the IEEE CS format. Accepted and presented papers will be published in the proceedings of CyberSciTech 2016 by IEEE CPS (IEEE Digital Library and EI-indexed). At least one author of each accepted paper is required to register and present their work at CyberSciTech 2016. Otherwise the paper will not be included in the proceedings.

Selected excellent papers, after further extension and revision, will be recommended to special issues of prestige international journals (SCI/EI indexed).

Contact Information

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