



Call for Papers

IEEE International Conference on Systems, Man, and Cybernetics Special Session on Machine Learning for Vision and Healthcare

The emergence of visual data, machine learning algorithms, and advancement in hardware has enabled significant breakthrough in vision and healthcare applications.

This special issue focuses on new data, machine learning methods, and applications in computer vision and related healthcare problems. The goal of the special issue is the identification of new and exciting problems and applications that leverage the current data and model advancement. It also aims at the development of new data and machine learning methods that address specific problems in vision and healthcare domains.

Manuscripts are solicited to address a wide range of topics in data, models, and applications, including but not limited to the following: data collection, data sharing, crowdsourcing, machine learning, deep neural networks, visualization, visual quality assessment, image and video coding, saliency detection, object detection, object and scene recognition, and understanding of human vision and assistive tools for visual and developmental disorders.

Perspective authors should follow the instructions given on the IEEE SMC webpages: <http://www.smc2017.org/?q=authors>, and submit their manuscripts with the submission system at: <https://conf.papercept.net/conferences/scripts/start.pl>.

Important Dates:

April 7, 2017: Manuscript submission

May 25, 2017: Acceptance notification

July 9, 2017: Camera-ready papers due

August 5, 2017: Deadline for early registration

October 5-8: Conference dates

Organizers:

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