

Special Session on Scene Monitoring and Behavior Analysis (SMBA 2019)

12th International Conference on Human System Interaction HSI 2019

<http://hsi2019.welcometohsi.org/>
Richmond, USA, June 25-27, 2019

Scope:

Scene monitoring and behavior analysis are hot topics in the research field of computer vision, complex system science and human system interaction. To understand the behavior of human and the event in a scene, the knowledge in many disciplines needs to be integrated. Scene information needs to be built into three-dimensional models. Some information captured from different sensors should be fused together. Target detection and tracking are also important tasks. Sometimes it is necessary to label saliency areas in surveillance video. Therefore, the behavior and event can be understood in detail. Another kind of research strategy treats the pedestrians and environment as a complex system. Some methods about complex network, and other physics inspired methods can be applied. The relevant topics include, but not limited to:

- Crowd video surveillance and behavior analysis
- Human action and gesture recognition
- Complex network and system analysis
- Image Information Fusion
- Target detection and tracking
- Pedestrian Trajectory Data Analysis
- Image and Video Saliency Detection
- Scene three-dimensional reconstruction
- Big data analytics in crowd motion
- Robot Vision and Navigation

Organisation:

General Chair:

- Xuguang Zhang, Hangzhou Dianzi University, China

Programme Chair:

- Shuhuan Wen, Yanshan University, China
- Danpei Zhao, Beijing University of Aeronautics and Astronautics, China
- Shaojie Qiao, Chengdu University of Information Technology , China

Technical Program Committee:

- Bo Wang, Jilin University, China
- Yinggan Tang, Yanshan University, China
- Yong Wang, Jilin University, China

Important Dates:

Paper Submission Deadline: TBC
Authors Notification: TBC

Camera-Ready Paper Due:

31 May 2019

Conference Date:

25-27 June 2019

Submission Guidelines:

Please follow the instruction on the conference website to submit your paper to this special session <http://hsi2019.welcometohsi.org/>.

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