

# CALL FOR PAPERS

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We will organize the CVPR 2018 Workshop on Visual Understanding of Humans in Crowd Scene (VUHCS2018, <http://cvpr2018.thecvf.com/program/workshops>). This workshop is collaborated by NUS, CMU, and SYSU. Based on VUHCS2017, we have further strengthened this workshop by augmenting it with 6 competition tracks: the single-person human parsing, the single-person pose estimation, the multi-person human parsing, the multi-person video parsing, the fine-grained multi-human parsing, and the multi-human pose estimation, which are expected to be released on 04/2018.

★Important Dates:

Paper Submission Due Date (mm/dd/yyyy): 04/15/2018

Conference Date (mm/dd/yyyy): 06/18/2018

★Submission Details:

Paper Submission Site: <https://cmt3.research.microsoft.com/VUHCS2018>

Conference City: Salt Lake City, UTAH

Conference Country: United States of America

★Main Organizers:

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★Topics of interest:

The submissions are expected to deal with human-centric visual perception and processing tasks which include but are not limited to:

- Multi-person parsing and pose estimation
  - 2D/3D human pose estimations from the single RGB/Depth images or videos
  - Pedestrian detection in the wild scenarios
  - Human action recognition and trajectory recognition/prediction
  - Human re-identification in crowd videos and cross-view cameras
  - 3D human body shape estimation and simulation
  - Human clothing and attribute Recognition
  - Person re-identification, face recognition/verification in surveillance videos
  - Novel datasets for performance evaluation and/or empirical analyses of existing methods
  - Advanced applications of human understanding, including autonomous cars, event recognition and prediction, robotic manipulation, indoor navigation, image/video retrieval and virtual reality
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