



IEEE AVSS Workshop on Visual Computing for Computer Vision and Intelligent Transportation System

Organizing Committee

Ching-Chun Huang, CCU, TW
Manh-Hung Nguyen, UTE, VN
Vu-Hoang Tran, UTE, VN

Keynote Speaker

Wen-Huang Cheng, NCTU, TW

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Manh-Hung Nguyen, UTE, VN
Vu-Hoang Tran, UTE, VN

Important dates

Paper Submission Due: **July 31, 2019**
Notification of acceptance: **August 16, 2019**
Camera Ready Submission: **August 31, 2019**

Submission

Prospective authors are invited to submit their full-length papers electronically in PDF form. Each paper should follow the AVSS's format with title, author's names, affiliation, email addresses, an up to 1000-words abstract, and a two-column body with no more than 6 single-spaced pages and with font size at 10 pts. Each paper will be double-blind reviewed by three experts. Submission website: <https://cmt3.research.microsoft.com/VCAVSS2019/Submission/Index>

Call for Papers

The workshop will focus on computer vision and intelligent transportation systems, which have been progressing rapidly in the past decades. Recently, the performance of these systems can be improved by applying AI techniques (such as machine learning and deep learning), which have achieved success in different applications. However, many new opportunities and emerging challenges could be further discussed nowadays in order to leverage AI techniques in computer vision and intelligent transportation systems.

We aim to bring together researchers and foster discussion on issues related to computer vision and intelligent transportation system. The discussion can be extended in a wide spectrum of applications and different dimensions. It is expected to build upon a proper environment to disseminate knowledge and allow state-of-the-art concepts to be further developed and enhanced. Topics of interest include, but are not limited to

- Autonomous Driving
- Scene Understanding
- Traffic Sign Recognition
- Big Data and Data-Driven Innovation
- Pedestrian Recognition
- Vehicle Localization
- Sensing, Detectors, and Actuators
- Intelligent Vehicles
- Vision and Environment Perception
- Traffic Theory for ITS
- Lane keeping
- Parking System
- ...

For further information, please consult our website: <http://acm.ee.ccu.edu.tw/VCAVSS2019.aspx> or email us at chingchun.huang@ee.ccu.edu.tw