ACM Multimedia Asia 2023 Workshop

LOW QUALITY VISUAL DATA WORKSHOP (LQVDW)
for Computer Vision and Media
December 6–8, 2023

Call for Workshop Paper

Recent years have seen numerous breakthrough advancements in computer vision and image processing along with the explosive growth of visual data. However, most of the significant progress has been built upon high-quality data. Even so, a large amount of visual media content is in fact low-quality, either from the moment it is acquired from the environment (nighttime, haze, rain), when it is transmitted (information loss), or until when it is compressed for storage (ringing artifact). Therefore, research and development related to low-quality visual data have been on an uptrend in both academia and industry to come up with innovative solutions that would eventually benefit various applications.

This workshop aims to gather a group of researchers and practitioners who share similar technical experiences and interests in low-quality visual data-related topics, e.g., assessment, enhancement, synthesis, and their related applications in various domains. Technical works using diverse technologies and techniques, including conventional, intelligence or learning-based approaches are all invited for paper submission and to join us in this workshop. The scope of this workshop includes, but is not limited to:

- Analysis and understanding of low-quality visual data;
- Image/video quality assessment and metrification;
- Image/video optimization for downstream tasks;
- Low-quality vision applications (inclusive of satellite images, medical images, incomplete images, etc.);
- Deep learning techniques for low-quality visual data understanding;
- Data augmentation and generation for low-quality data synthesis;
- Low-quality visual data enhancement and restoration;
- Datasets for low-quality vision tasks (collection procedures and benchmarking)
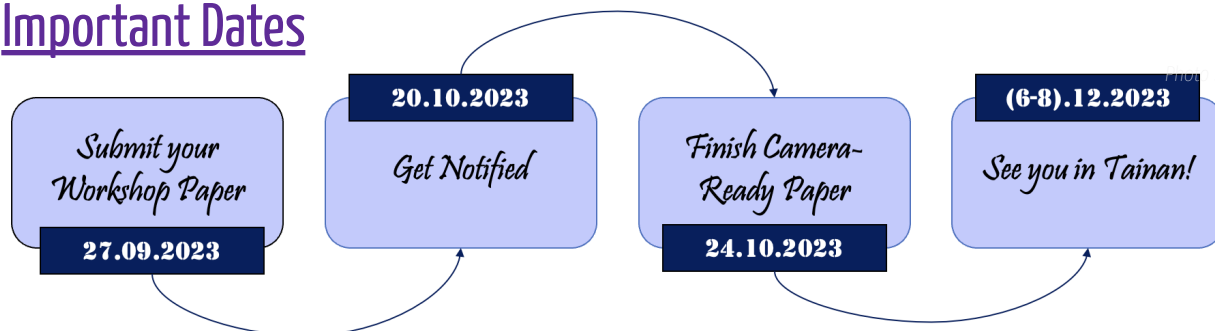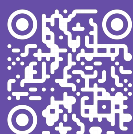
Photo source;www.twtainan.net

Important Dates

27.09.2023 — Submit your Workshop Paper

20.10.2023 — Get Notified

24.10.2023 — Finish Camera-Ready Paper

(6-8).12.2023 — See you in Tainan!

Visit *https://sites.google.com/um.edu.my/lqvdw2023* to learn more about this LQVD workshop and get the information to the authors/participants. Join us, all are welcome!

LQVDW@MMAsia23 CFPV1.0