# Workshop on Large Vision – Language Model Learning and Applications (LAVA)

December 8-12, 2024, Hanoi, Vietnam

In conjunction with ACCV 2024

## Call for papers

We invite submissions of high-quality papers on topics including, but not limited to:

- Data preprocessing and prompt engineering in LVLMs
- Training/Compressing LVLMs
- Self-supervised and/or unsupervised, few-/zero-shot learning in LVLMs
- Generative AI
- Trust-worthy/Explainable LVLMs learning
- Security and privacy in LVLMs
- LVLMs evaluation and benchmarking
- LVLMs for downstream tasks
- LVLMs in virtual reality, mixed reality
- Applications of LVLMs
- LVLMs and other modalities
- LVLMs for low resources

**Paper submission guidelines:**

- Accepted papers will be presented in our workshop and will be published in the ACCV workshop proceeding.
- We accept short papers (non-archived) which are up to 8 pages in ACCV format, excluding references; and long papers (archived) which are up to 16 pages in ACCV format, excluding references.
- All submissions will be handled electronically via the CMT conference submission website https://cmt3.research.microsoft.com/LAVA2024/ . Submission policies adhere to the ACCV submission policies.

**Important dates:**

- Paper submission deadline: 2024/9/30
- Notification of acceptance: 2024/10/30
- Camera-ready submission: 2024/11/15

## Call for Challenge participation

In addition to paper submissions, we are hosting a challenge to foster innovation and collaboration. The primary goal of this challenge is to advance the capability of Large Vision-Language Models to accurately interpret and understand complex visual data such as Data Flow Diagrams (DFDs), Class Diagrams, Gantt Charts, and Building Design Drawings. The participants are required to develop a model that can answer questions related to the input data.

**Datasets:** Register your team information here: https://docs.google.com/forms/d/e/1FAIpQLScvuNuXqoHGW3SKhF2WYN34WhFarVp3Dx6gEXMX4dr4xT7T6A/viewform . We will send the link to download the dataset to registered participants.

**Evaluations:**

- We will evaluate using MMMU.
- Final score = 0.3 * Public dataset without answers + 0.7 * Private dataset

**Prizes and Travel Grants:** Travel grants are available for winning teams (one per team). Prizes will be announced later.

**Computational Resources:** Participants from the University of Tokyo may use SoftBank Beyond AI SANDBOX GPUs.

**Challenge submission guidelines:** https://www.codabench.org/competitions/3587/

**Important dates**

- Challenge track opened: 2024/8/15
- Test set released: 2024/8/30
- Challenge track closed: 2024/9/30
- Challenge track paper submission deadline: 2024/10/15

**For more information and updates, please visit:**

https://lava-workshop.github.io