CVPR 2021 Pre-conference Australia

Online Zoom link: https://zoom.uts.edu.au/j/86920559696

On site venue address: UTS Tower Level 4, Room CB01.04.006, Building 1 University of Technology Sydney, NSW 2007

Pre-conference start time: **9:30am, 5 June 2021.**

Important Note: The on-site participants must sign in at the security before entering the building.

Highlight

- 14 presentations. Paper links are available. Topics include domain adaptation, representation learning, machine learning, video understanding, 3D vision.
- Speakers are from 6 organizations.
- Panel discussion on recent advances in computer vision.
- Finger food is provided. ;)

Venue map
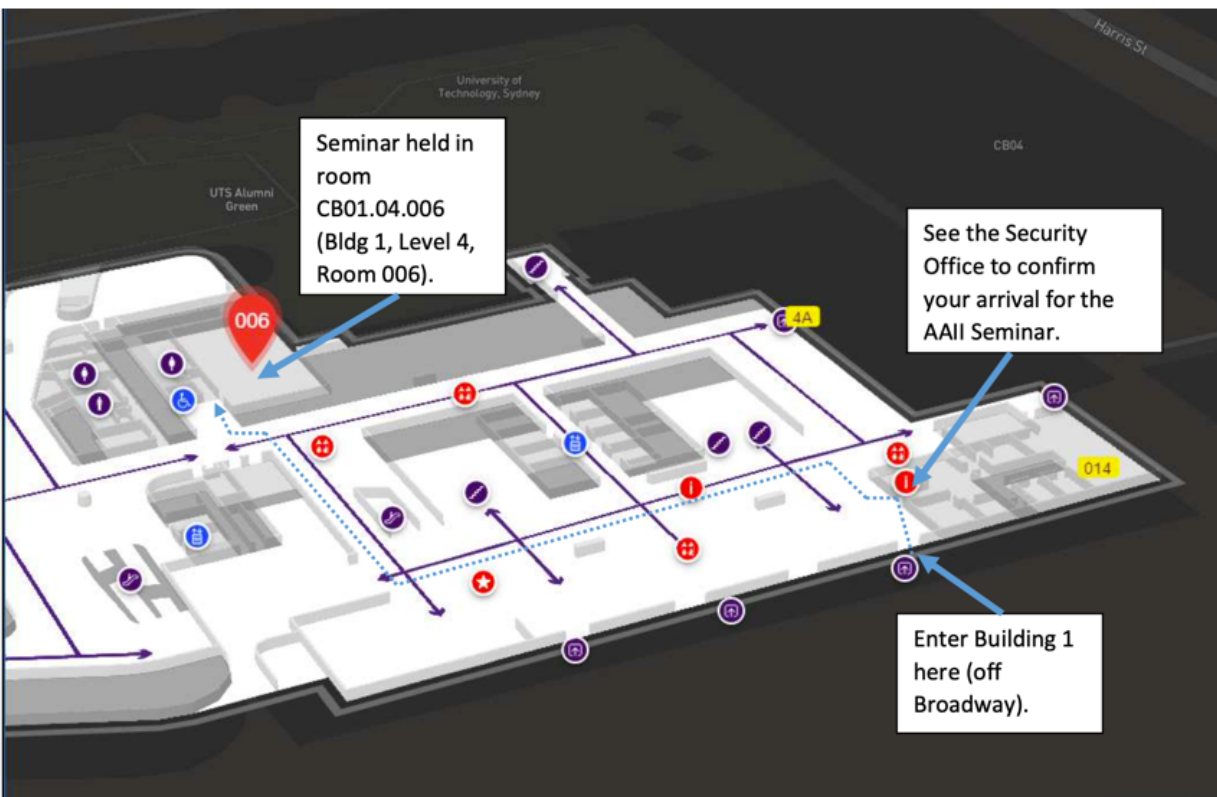
Organizers:

Linchao Zhu, Xin Yu, Yunchao Wei, Wanli Ouyang, Chang Xu, Peng Wang

CVPR 2021 Pre-conference Australia Schedule

9:30-9:40	Opening remarks and welcome		
	Domain Adaptation		
9:40-10:00	Domain Consensus Clustering for Universal Domain Adaptation	Guangrui Li	University of Technology Sydney
10:00-10:20	Visualizing Adapted Knowledge in Domain Transfer	Yunzhong Hou	Australian National University
10:20-10:40	Are Labels Always Necessary for Classifier Accuracy Evaluation?	Weijian Deng	Australian National University
10:40-10:50	Discussion		
	Representation Learning and Machine Learning		
10:50-11:10	Rethinking Class Relations: Absolute-relative Supervised and Unsupervised Few-shot Learning	Piotr Koniusz	Data61/CSIRO, Australian National University
11:10-11:30	On Learning the Geodesic Path for Incremental Learning	Christian Simon, P. Koniusz	Data61/CSIRO, Australian National University
11:30-11:50	Where and What? Examining Interpretable Disentangled Representations	Xinqi Zhu	The University of Sydney
11:50-12:10	Hilbert Sinkhorn Divergence for Optimal Transport	Qian Li, Zhichao Wang	The University of Sydney, UNSW
12:20-12:30	Discussion		
12:30-14:00	Lunch Break		
	Video Understanding		
14:00-14:20	T2VLAD: Global-Local Sequence Alignment for Text-Video Retrieval	Xiaohan Wang	University of Technology Sydney
14:20-14:40	VSPW: A Large-scale Dataset for Video Scene Parsing in the Wild	Jiaxu Miao	University of Technology Sydney
14:40-15:00	Learning Optical Flow from a Few Matches	Shihao Jiang	Australian National University
15:00-15:20	Exploring Heterogeneous Clues for Weakly-Supervised Audio-Visual Video Parsing	Yu Wu	University of Technology Sydney
15:20-15:30	Discussion		
	3D Vision		
15:30-16:00	Self-supervised Visibility Learning for Novel View Synthesis	Yujiao Shi	Australian National University
16:00-16:20	Point 4D Transformer Networks for Spatio-Temporal Modeling in Point Cloud Videos	Hehe Fan	National University of Singapore, University of Technology Sydney
16:20-16:30	Delving into localization errors for monocular 3D detection	Xinzhu Ma	The University of Sydney
16:30-16:40	Discussion		
16:40-17:10	Panel discussion: Wanli Ouyang, Chang Xu, Xin Yu, Yunchao Wei, Peng Wang		
17:10-17:20	Closing remarks		