

ROAD @ ICCV 2021 - Programme

Schedule	
07:00-07:10	Opening remarks (Fabio Cuzzolin, Oxford Brookes)
07:10-07:45	Presentation of the ROAD benchmark and the Challenges (Fabio Cuzzolin)
07:45-08:15	Invited talk #1 - <i>Multi-Task Learning on the Road</i> (Fisher Yu, ETH)
	Q&A
08:15-08:40	Paper 7: <i>YOLO-Z: Improving small object detection in YOLOv5 for autonomous vehicles</i> (Aduen Benjumea)
08:40 – 09:10	Challenge winner spotlight: Agent detection <i>YOLOv5 for autonomous vehicles</i> (Chenghui Li, Yi Cheng & Shuhan Wang)
09:10-09:20	Coffee break (10 mins)
09:20-09:50	Invited talk #2 – <i>Streaming 3D Perception of Dynamic Scenes</i> (Deva Ramanan, CMU)
	Q&A
09:50-10:15	Paper 9: <i>AAseg: Attention Aware Network for Real Time Semantic Segmentation</i> (Abhinav Sagar)
10:15-10:45	Invited talk #3 - <i>Data-driven simulation for multimodal and interactive autonomous driving</i> (Alexander Amini, MIT)
	Q&A
10:45 – 11:15	Challenge winner spotlight: Action detection <i>ArgusRoad: Road Activity Detection with Connectionist Spatiotemporal Proposals</i> (Lijun Yu and Xiwen Chen)
11:15-11:45	Coffee break (30 mins)
11:45-12:15	Invited talk #4 - <i>Learning to Drive in Highly Dynamic Environments</i> (Raquel Urtasun, Waabi)
	Q&A
12:15-12:40	Paper 11: <i>Vision-Guided Forecasting - Visual Context for Multi-Horizon Time Series Forecasting</i> (Eitan Kosman)
12:40-13:10	Invited talk #5 - <i>Scalable Geometric and Synthetic Supervision for Scene Understanding</i> (Adrien Gaidon, TRI)
13:10-13:20	Coffee break (10 mins)
13:20-13:45	Paper 12: <i>Skeleton-Graph: Long-Term 3D Motion Prediction From 2D Observations Using ... Graph CNNs</i> (Abduallah A Mohamed)
13:45 – 14:15	Challenge winner spotlight: Event detection <i>The IFLY Submission to the ROAD Challenge</i> (Yujie Hou and Fengyan Wang)
14:15-14:50	Panel on future of situation awareness in autonomous driving (Moderator: Fabio Cuzzolin)
14:50-15:00	Award ceremony and closing remarks (Fabio Cuzzolin)