

# ROBOT PARADE

BROUGHT TO YOU BY:  
SINGAPORE MIT ALLIANCE FOR RESEARCH AND TECHNOLOGY

## Talks and Seminars @ UT Auditorium I

Time	Presenter	Topic
10.00am - 10.10am	Prof Marcelo Ang (NUS)	Welcome remarks and overview of SMART AV Program
10.10am - 10.15am	Prof Daniela Rus (MIT)	
10.30am - 10.45am	Christina Lee (ARC)	Robot Perception and Dataset Development
11.00am - 11.15am	Sun Shuo (ARC)	Design of Autonomous Sweeper for Challenging Mixed Operation Environments
11.30am - 11.45am	Namarathna Bamunu Arachchige Thushara Sandakalum (ARC)	Motion Planning for Mobile Manipulators
1.00pm - 1.15pm	Li Zhikai (SMART)	Introduction to Autonomous Vehicles
1.30pm - 1.45pm	Liew Jia Min (ARC)	Robotics for inspection
2.00pm - 2.15pm	Charles Zhang (SMART)	Autonomous Driving in Rainy Weather
4.15pm - 4.45pm	Prof Daniela Rus (MIT)	Talk on SMART's Progress in AV and the Way Ahead
5.00pm - 5.15pm	Li Zhikai (SMART)	Localisation without Prior Mapping and in Dynamic Environments
7.00pm - 7.15pm	Shen Lyuyu (SMART)	Object Tracking for Robot Dynamic Perception
7.30pm - 7.45pm	Bai Yechao (SMART)	Relational Multi-scale Feature Aggregation for Semantic Segmentation
7.45pm - 7.50pm	Prof Marcelo Ang (NUS)	Ending Remarks

## Autonomous Vehicle Rides @ UT Plaza

Vehicle	Route	Timings
Autonomous Scooter	Around UTown Plaza (5mins)	15 mins session each 10.15am, 10.45am, 11.15am, 1.15pm, 1.45pm, 2.45pm, 3.00pm, 3.15pm, 3.30pm, 3.45pm, 4.00pm, 4.45pm, 7.15pm, 7.45pm
Autonomous Wheelchair		
Autonomous Golfcart (Gen2)		
Autonomous Golfcart (Gen 3)	Utown Plaza to ERC (15mins)	30 mins session each 10.15am, 11.00am, 1.15pm, 2.15pm, 4.45pm, 7.15pm
Self-Driving Car	SRC to CREATE drop-off (7mins)	

