

Detailed program

Time	Activity	Speaker	Affiliation	Topic	Venue
09:45 – 09:50	Welcome	Prof XiaoQi Chen	UC	IEEE RAS NZ	KF7
09:50 – 10:00		Dr Khaled Goher	LU	CLAWAR Association	
10:00 – 10:30	Technical Session	Dr Stefanie Gutschmidt	UC	Development of a bio-inspired fish robot for fresh and salt water operation	KF7
10:30 – 11:00		Prof Peter Xu	UoA	Emerging Robotics Technologies	
11:00 – 11:30		Dr James Robertson	Invert Robotics	Challenges we face in taking a concept from the lab to the real world.	
11:30 – 12:00		Mostrafa Sharifi	UC	Visual Odometry for Localization of Mobile Robots in Outdoor GPS Denied Environments	
12:00 – 13:00	Lunch Exhibition	Invert Robotics Ltd Infact Ltd		Trimble Ltd Scion Ltd	KF6
12:30 – 13:00		RAS NZ Chapter meeting			KF7
13:00 – 13:30	Technical Session	Dr Khaled Goher	LU	Assistive Robotics for Enhanced Mobility and Rehabilitation	KF7
13:30 – 14:00		Dr Michael Paulin	UO	Dynamical State Estimation and the Efficiency of Walking	
14:00 – 14:30		Dr Nigel Sharplin	InFact Ltd	Design Thinking	
14:30 – 15:00		Dr Mathew Young	Trimble Ltd	An Investigation of Automating Topographic Surveying using an Unmanned Ground Vehicle	
15:00 – 15:30	Afternoon Tea Exhibition	Invert Robotics Ltd Infact Ltd		Trimble Ltd Scion Ltd	KH6
15:30 – 16:00	Technical Session	Dr Raazesh Sainudiin	UC	Scalable Object Recognition in the Cloud for a Swarm of Robots	KF7
16:00 – 16:30		Dr Ebubekir Avci	MU	Manipulation in Micro-scale: Medical Applications of Microrobots	
16:30 – 17:00		Dr Richard Parker	Scion Ltd	Tree-to-tree locomotion for forest operations	
17:00 – 17:10	Closure: Prof XiaoQi Chen Announcement of new Committee for IEEE RAS NZ Chapter, plan for next year's conference				KF7

Organisers

