AIM 2018 Preliminary Technical Program – Draft 3

	AIM 2018 Technical Program Day 1 (Monday, 9 July 2018)
9:00-10:15	Workshop/Tutorial Session (Morning Session A) ROOM 301-G050 *A Biologically Inspired Tactile System for Robotics*
10:15-10:45	Morning Tea Foyer 302-G60 & G80
10:45-12:00	Workshop/Tutorial Session (Morning Session B) ROOM 301-G050 *A Biologically Inspired Tactile System for Robotics*
13:00-14:15	Workshop/Tutorial Session (Afternoon Session A) ROOM 301-G050 *New Frontiers in Biomechatronics: From Brain Machine Interfaces to Assistive and Rehabilitation Robotics*
14:15-14:45	Afternoon Tea Foyer 302-G60 & G80
14:45-16:00	Workshop/Tutorial Session (Afternoon Session B) ROOM 301-G050 *New Frontiers in Biomechatronics: From Brain Machine Interfaces to Assistive and Rehabilitation Robotics*
17:00-18:00	Welcome Function Foyer 302-G60 & G80

	Track 1 ROOM 301.G050	Track 2 ROOM 303.G13	Track 3 ROOM 303.G16	Track 4 ROOM 303.G14	Track 5 ROOM 302.G20	Track 6 ROOM 303.G053
	AIM 2018 Technical Program Day 2 (Tuesday, 10 July 2018)					
8:50-9:00	Opening Session ROOM 109-B28 *Opening Remarks, mihi mihi*					
9:00-9:45	Plenary Session 1 ROOM 109-B28					
9:45-10:30	*Plenary Talk 1* *Plenary Talk 2*					
10:30-11:00	Morning Tea Foyer 302-G60 & G80					
11:00-13:00	Regular Session *Human Machine Interfaces 1*	Regular Session *Robot Dynamics and Control*	Regular Session *Identification and Estimation in Mechatronics 1*	Regular Session *Actuators 1*	Invited Session *Design and Control of Micro and Nano Precision Mechatronic Systems*	Regular Session *Artificial Intelligence and Machine Learning*
13:00-14:00	Lunch Foyer 302-G60 & G80					
14:00-16:40	Regular Session *Medical Robotics and Biomechatronics*	Regular Session *Motion, Vibration and Noise Control*	Regular Session *Sensors and Sensing Systems 1*	Regular Session *Flexible Manipulators and Structures 1*	Invited Session *Power MEMS for Intelligent Internet of Things*	Regular Session *Modeling, Design & Optimization in Mechatronics 1*
16:40-17:40	Afternoon Tea & Poster Session Foyer 302-G60 & G80					

	AIM 2018 Technical Program Day 3 (Wednesday, 11 July 2018)					
9:15-10:00	Plenary Session 2 ROOM 109-B28 *Plenary Talk 3*					
10:00-10:30	Morning Tea Foyer 302-G60 & G80					
10:30-12:30	Invited Session *Emerging Technologies in Bio-Mechatronic Rehabilitation Robotics*	Regular Session *Unmanned Aerial Vehicles*	Invited Session *Sensing and Robotics for Coverage Optimization*	Regular Session *Actuators 2*	Regular Session *MEMS and Nano Devices*	Regular Session *Learning and Neural Control in Mechatronics*
12:30-13:30	Lunch Foyer 302-G60 & G80					
13:30-15:30	Regular Session *Human Machine Interfaces 2*	Regular Session *Mobile Robots 1*	Regular Session *Sensors and Sensing Systems 2*	Regular Session *Flexible Manipulators and Structures 2*	Invited Session *Energy Harvesting for Self-powered Health Monitoring*	Regular Session *Manufacturing*
15:30-16:00	Afternoon Tea Foyer 302-G60 & G80					
16:00-18:00	Regular Session *Rehabilitation Robots 1*	Regular Session *Underwater Robotics*	Regular Session *Path Planning, Navigation and Space Exploration*	Regular Session *Pneumatic Actuated Systemss*	Regular Session *Micro/Nano Manipulation*	Regular Session *Modeling, Design & Optimization in Mechatronics 2*
19:00-21:00	Conference Dinner Auckland Museum					

	AIM 2018 Technical Program Day 4 (Thursday, 12 July 2018)					
9:15-10:00	Plenary Session 3 ROOM 109-B28 *Plenary Talk 4*					
10:00-10:30	Morning Tea Foyer 302-G60 & G80					
10:30-12:30	Invited Session *Physical Human-robot Interactions and Human Assistive Systems*	Regular Session *Mobile Robots 2*	Regular Session *Fault Detection and Diagnosis*	Regular Session *Actuators 3*	Invited Session *Control, Simulation and Condition Monitoring for Electromechanical Systems*	Regular Session *Image processing and machine vision*
12:30-13:30	Lunch Foyer 302-G60 & G80					
13:30-15:30	Regular Session *Rehabilitation Robots 2*	Regular Session *Legged Robots*	Regular Session *Identification and Estimation in Mechatronics 2*	Regular Session *Control Application In Mechatronics*	Regular Session *Energy Harvesting*	Regular Session *Modeling, Design & Optimization in Mechatronics 3*
15:30-16:00	Afternoon Tea Foyer 302-G60 & G80					
16:00-17:20		Regular Session *Vehicle Control*				Invited Session *AI-enabled Intelligent Systems in Smart Manufacturing and Automation*
17:20-17:30	Closing Session Foyer 302-G60 & G80 *Closing Remarks*					