

Time	Wed 25.07.18	Thu 26.07.18	Fri 27.07.18
08:30	Registration		
09:00	Keynote 1 Alan Winfield	Keynote 2 Silas Adekunle	Keynote 3 Kerstin Dautenhahn
10:00	Coffee break		
	Session 1: Object manipulation and locomotion	Session 3: Path planning and autonomous vehicles	Session 5: HRI, assistive and medical robotics
10:30	1	11	21
10:50	2	12	22
11:10	3	13	23
11:30	4	14	24
11:50	5	15	25
12:10	6	16	26
12:30	Lunch		
	Session 2: Soft and bioinspired robotics	Session 4: Robotics vision and teleoperation	Session 6: Swarm robotics
14:00	7	17	27
14:20	8	18	28
14:40	9	19	29
15:00	10	20	ARQ prize finalists
15:20	Coffee break	Coffee break	
15:50	Poster session	Visit to Bristol Robotics Laboratory (transport provided)	
16:00			Conference closure
16:30			
17:00	Welcome reception		
18:00	IET Public Lecture Brian Scassellati		
19:30		Conference dinner at Brown's Brasserie	

1-	<b>Trajectory Optimization for High-Power Robots with Motor Temperature Constraints</b>	Wei Xin Tan, Martim Brandao, Kenji Hashimoto, Atsuo Takanishi
2-	<b>SPGS: A New Method for Autonomous 3D Reconstruction of Unknown Objects by an Industrial Robot</b>	Cihan Uyanik, Sezgin Secil, Metin Ozkan, Helin Dutagaci, Kaya Turgut, Osman Parlaktuna
3-	<b>A Modified Computed Torque Control Approach for a Master-Slave Robot Manipulator System</b>	Ololade Obadina, Mohamed Thaha, Kaspar Althoefer, Hasan Shaheed
4-	<b>Data Synthesis for Classification in Autonomous Robotic Grasping System Using 'Catalogue'-Style Images</b>	Michael Cheah, Josie Hughes, Fumiya Iida
5-	<b>BounceBot: A One-Legged Jumping Robot</b>	James Rogers, Katherine Page-Bailey, Ryan Smith
6-	<b>Estimating Grasping Patterns from Images using Finetuned Convolutional Neural Networks</b>	Ashraf Zia, Bernard Tiddeman, Patricia Shaw
7-	<b>Easy Undressing with Soft Robotics</b>	Tim Helps, Majid Taghavi, Sarah Manns, Ailie Turton, Jonathan Rossiter
8-	<b>Biomimetic Knee Design to Improve Joint Torque and Life for Bipedal Robotics</b>	Alexander Steele, Alexander Hunt, Appolinaire C. Etoundi
9-	<b>Evaluating the Radiation Tolerance of a Robotic Finger</b>	Richard French, Alice Cryer, Gabriel Kapellmann-Zafra, Hector Marin-Reyes
10-	<b>Soft pneumatic prosthetic hand</b>	Jan Frasn, Kaspar Althoefer
11-	<b>Tabu Temporal Difference Learning for Robot Path Planning in Uncertain Environments</b>	Changyun Wei, Fusheng Ni
12-	<b>Extending Deep Neural Network Trail Navigation for Unmanned Aerial Vehicle Operation within the Forest Canopy</b>	Bruna Pearson, Toby Breckon
13-	<b>Virtual Environment for Training Autonomous Vehicles</b>	Jerome Leudet, Tommi Mikkonen, Francois Christophe, Tomi Männistö
14-	<b>Modelling and Predicting Rhythmic Flow Patterns in Dynamic Environments</b>	Sergi Molina, Grzegorz Cielniak, Tomas Krajnik, Tom Duckett
15-	<b>Comparing Model-based and Data-driven controllers for an autonomous vehicle task</b>	Erwin Lopez, Guido Herrmann, Ute Leonards, Tugrul Irmak, Joel Variath Paul, Arisara Meekul
16-	<b>An Improved Robot Path Planning Model Using Cellular Automata</b>	Luiz Martins, Rafael Candido, Mauricio Escarpinati, Patricia Vargas, Gina Oliveira
17-	<b>Colias IV: the Affordable Micro Robot Platform with Bio-inspired Vision</b>	Cheng Hu, Qinbing Fu, Shigang Yue
18-	<b>Seeing the Unseen: Locating Objects from Reflections</b>	Jing Wu, Ze Ji
19-	<b>ResQbot: A Mobile Rescue Robot with Immersive Teleperception for Casualty Extraction</b>	Roni Permana Saputra, Petar Kormushev
20-	<b>The Effect of Pose on the Distribution of Edge Gradients in Omnidirectional Images</b>	Dean Jarvis, Theocharis Kyriacou
21-	<b>Learning to listen to your ego-(motion) : Metric Motion Estimation from Auditory Signals</b>	Letizia Marchegiani, Paul Newman
22-	<b>What comes to mind when people are asked questions about robots?</b>	Stanislava Naneva, Thomas Webb, Tony Prescott
23-	<b>Piloting scenarios for children with autism to learn about Visual Perspective Taking</b>	Luke Wood, Ben Robins, Gabriella Lakatos, Dag Sverre Syrdal, Abolfazl Zaraki, Kerstin Dautenhahn
24-	<b>User Detection, Tracking and Recognition in Robot Assistive Care Scenarios</b>	Ştefania Alexandra Ghiţă, Miruna-Stefania Barbu, Alexandru Florin Gavril, Mihai Trăscău, Alexandru Sorici, Adina Florea
25-	<b>Hypertonic Saline Solution for Signal Transmission and Steering in MRI-guided Intravascular Catheterisation</b>	Alberto Caenazzo, Kaspar Althoefer
26-	<b>A Conceptual Exoskeleton Shoulder Design for the Assistance of Upper Limb Movement</b>	Carlos Navarro Perez, Ioannis Georgilas, Appolinaire C. Etoundi, Jj Chong, Aghil Jafari
27-	<b>A Hormone Arbitration System For Energy Efficient Foraging In Robot Swarms</b>	James Wilson, Jonathan Timmis, Andy Tyrrell
28-	<b>A Bio-inspired Aggregation with Robot Swarm using Real and Simulated Mobile Robots</b>	Sarika Ramroop, Farshad Arvin, Simon Watson, Joaquin Carrasco, Barry Lennox
29-	<b>SO-MRS: a multi-robot system architecture based on the SOA paradigm and ontology</b>	Stanislaw AMBROSZKIEWICZ, Waldemar Bartyna