

PROGRAM OF THE SYMPOSIUM

Sunday, 3 February 2019 (Conference center - NYUAD)

Sun Feb 3rd	NYUAD Campus	Embodiment, affect, and reciprocity in human-robot interaction			
Start	End	Activity	Speaker(s)	Affiliation	Title
9:00	12:10	Morning session - Conference Center - Chair: Mohamad Eid			
9:00	9:10	Introduction	Engineering Dean - Samer Madanat	NYUAD	Welcome speech
9:10	9:50	Keynote	Yukie Nagai	Osaka U	Computational Models of Predictive Coding for Robot Cognitive Development
9:50	10:20	Invited talk	Malte Jung	Cornell U	Robots and the Dynamics of Emotions in Teams
10:20	10:40	Coffee break			
10:40	11:10	Invited talk	Mohammad Obaid	UNSW Sydney	Designing Assistant Classroom Robots – A User-Centered Approach
11:10	12:10	Roundtable	Embodying Interaction: the Enactive roots of Reciprocity and Affect		
12:10	13:20	Lunch			
13:20	17:00	Afternoon session - Conference center - Chair: Max Cappuccio			
13:20	14:00	Keynote	Tom Ziemke	Linkoping U	Intentions & Intentionality: Challenges for Social Robotics
14:00	14:30	Invited talk	Ron Chrisley	Sussex U	Applying the Deflationary View of Robot Ethics to Reactive Agents
14:30	15:00	Invited talk	Chu Kiong Loo	University of Malaysia	Trusting Humanoid Robots Undertake Social Tasks
15:00	15:20	Coffee break			
15:20	15:50	Invited talk	Riccardo Manzotti	IULM Milano	Enworlded Social Robots: Beyond Embodied and Enactive Cognition
15:50	17:00	Exhibition			
18:30	21:00	Bus transfer to Sheraton Hotel and social dinner at Almayass Restaurant			

Monday, 4 February 2019 (Conference center - NYUAD)

Mon Feb 4th	NYUAD Campus	Engineering solutions for implementing social intelligence			
Start	End	Activity	Speaker(s)	Affiliation	Title
9:00	12:00	Morning session - Conference center - Chair: Friederike Eysel			
9:00	9:40	Keynote	AbdMotaieb El Saddik	University of Ottawa	Digital Twin: The Convergence of Multimedia Technologies
9:40	10:10	Invited talk	Jeff Shamma	KAUST	Game Theoretic Methods for Robotics
10:10	10:40	Invited talk	Antonis Argyros	University of Crete	Computer Vision for Supporting Human Robot Interaction and Collaboration
10:40	11:00	Coffee break			
11:00	12:00	Interuniversity contest			
12:00	13:10	Lunch			
13:10	16:10	Afternoon session - Conference center - Chair: Fady Alnajjar			
13:10	13:50	Keynote	Giulio Sandini	IIT	Autonomous Vehicles: Navigation, Autonomy, and Security
13:50	14:20	Invited talk	Tonio Ball	University Clinic Freiburg	How is Robot Action Reflected in the (Neuro)-Physiological Responses of a Human Observer?
14:20	14:50	Invited talk	Juan Moreno	Cajal Institute Madrid	Designing Technologies for Gait After Stroke
14:50	15:10	Coffee break			
15:10	16:10	Roundtable	Building socially intelligent robots: technical challenges and risk factors		
16:30	18:30	Bus transfer to Danat Al Ain Resort and hotel check-in			
19:30	21:00	Dinner at Danat Al Ain Resort			

Tuesday, 5 February 2019 (Science & Innovation Park – UAEU)

Tuesday Feb 5th UAEU Campus Neurocognitive approaches to social robotics: an interdisciplinary endeavour					
Start	End	Activity	Speaker(s)	Affiliation	Title
9:00	12:05	Morning session - Science & Innovation Park - Chair: Fady Alnajjar			
9:00	9:10	Introduction	CHSS Dean Hassan Naboodah	UAEU	Welcome speech
9:10	9:50	Keynote	Giorgio Metta	IIT	Building your Personal Humanoid
9:50	10:15	Invited talk	Mohamad Bdiwi	UAEU	Intelligent Industrial Robots for Smart Factories
10:15	10:40	Invited talk	Shuzhi Sam Ge	NUS	Historical and Futuristic Perspectives of Robotics
10:40	11:00	Coffee break			
11:00	11:25	Invited talk	Abdelkader Nasreddine Belkacem	Osaka University	Real-Time MEG-based Brain-Geminoid Interface
11:25	11:50	Invited talk	Shingo Shimoda	RIKEN	Biological Methods Applied to Robot Control
11:50	12:05	Invited talk	Peer Muhamad Ali	Al Ain Hospital	Social Robotics for Human Performance Improvement
12:05	13:20	Lunch break			
13:20	16:00	Afternoon session - CIT Building, AI & Robotics Lab - Chair: Mohamad Eid			
13:20	14:00	Keynote	Agnieszka Wykowska	IIT	Social Cognition in Human-Robot Interaction
14:00	15:00	Roundtable	Interdisciplinarity and diversity in social robotics research: challenges and opportunities (in collaboration with <i>International Journal of Social Robotics</i> / Springer)		
15:00	16:00	Tour of AI & Robotics Lab (College of IT, UAE University)			
16:20	17:00	Bus transfer to Jabel Hafeet			
18:00	20:00	Social dinner at Hotel Mercure Grand Jabel Hafeet			
20:00	20:20	Bus transfer to Danat Al Ain Resort			

Wednesday, 6 February 2019 (Science & Innovation Park – UAEU)

Wed Feb 6th	UAEU Campus	Robots & AI in society: economical, cultural, and political impact of autonomous systems			
Start	End	Activity	Speaker	Affiliation	Title
9:00	12:00	Morning session - Science & Innovation Park - Chair: Max Cappuccio			
9:00	9:40	Keynote	Jai Galliot	UNSW Canberra	The Soldier's Tolerance for Autonomous Systems
9:40	10:10	Invited talk	Francesco Ferro	PAL Robotics	Human-Robot Interaction and AI, the Key for Service Robotics
10:10	10:40	Invited talk	Robb Cheek	Hyundai Securities	Society and Social Robotics. A Market-Driven View
10:40	11:00	Coffee break			
11:00	12:00	Interuniversity contest			
12:00	13:20	Lunch break			
13:20	17:00	Afternoon session - Science & Innovation Park - Chair: Friederike Eyszel			
13:20	14:00	Keynote	Somaya Ben Allouch	Saxion U	The Appropriation of Social Robotics
14:00	14:30	Invited talk	Lakmal Seneviratne	Khalifa U	Challenges in Designing Robotic Systems for Safe Autonomous Human Interactions
14:30	14:50	Coffee break			
14:50	15:20	Invited talk	Aila Khan	WSU	Image Transfer with Social Robots
15:20	15:50	Invited talk	Eduardo B. Sandoval	UNSW Sydney	Addiction to Robots: From Science Fiction Representation to Real Addiction
15:50	16:50	Roundtable	The Global Race to AI and Autonomous Agents: The stakes of Technological Supremacy		
16:50	17:00	Final remarks and end of symposium			
17:20	17:40	Bus transfer to Danat Al Ain Resort			
19:30	21:00	Dinner at Danat Al Ain Resort			

