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Technical Program for Tuesday, August 27

TuAT1		Room T1
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Burkart, Diana	Karlsruhe Institute of Technology (KIT)	
Bruno, Barbara	Karlsruhe Institute of Technology (KIT)	
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Yamasaki, Kakeru	Kyushu Institute of Technology	
Shibata, Tomohiro	Kyushu Institute of Technology	
Henaff, Patrick	Université De Lorraine, CNRS, INRIA, LORIA, F-54000 Nancy, Fra	
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Cooper, Sara	Honda Research Institute Japan	
Gomez, Randy	Honda Research Institute Japan Co., Ltd	
Szapiro, Deborah	University of Technology Sydney	
Merino, Luis	Universidad Pablo De Olavide	
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Fukui, Ryota	Tokyo University of Science	
Yuguchi, Akishige	Tokyo University of Science	
Matsumoto, Yoshio	AIST	
Okadome, Yuya	Tokyo University of Science	
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Zhu, Yifei	Colorado School of Mines	
Brush, Colin	Colorado School of Mines	
Williams, Tom	Colorado School of Mines	
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KIM, BaekSeok	University of Nevada, Las Vegas	
Kassai, Nathan	University of Nevada, Las Vegas	
Castrejon, Zahir	University of Nevada Las Vegas	
Kosanovic, Nicolas	University of Louisville	
Chagas Vaz, Jean	University of Louisville	
Oh, Paul Y.	University of Nevada, Las Vegas (UNLV)	
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Kich, Victor Augusto	University of Tsukuba	
Bottega, Jair Augusto	UFMS	
Steinmetz, Raul	Universidade Federal De Santa Maria	
Grando, Ricardo	Federal University of Rio Grande	
Yorozu, Ayanori	University of Tsukuba	
Ohya, Akihisa	University of Tsukuba	

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Yousefi, Ali	University of Genova
Betta, Zoe	University of Genova
Mottola, Giovanni	University of Genova
Recchiuto, Carmine Tommaso	University of Genova
Sgorbissa, Antonio	University of Genova

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Schiffmann, Michael	TH Köln University of Applied Sciences
Richert, Anja	University of Applied Sciences Cologne

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Maharjan, Rahul Singh	The University of Manchester
Romeo, Marta	Heriot-Watt University
Cangelosi, Angelo	University of Manchester

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Shiomi, Masahiro	ATR
Kato, Yuina	Nara Women's University
Nittono, Hiroshi	Osaka University
Anzai, Emi	Nara Women's University
Saiwaki, Naoki	Nara Women's University

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Sato, Moe	Osaka University
Minato, Takashi	RIKEN
Funayama, Tomo	Osaka University
Sumioka, Hidenobu	ATR
Sakai, Kurima	ATR
Mikata, Ryusuke	ATR
Ishiguro, Hiroshi	Osaka University
Akane, Kikuchi	KiQ Co., Ltd.,
Kaito, Sakuma	Apples and Oranges Co., Ltd.,
Kazuya, Horibe	Osaka University

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Arevalo Arboleda, Stephanie	Technische Universität Ilmenau
Fischedick, Söhnke Benedikt	Ilmenau University of Technology
Diao, Chenyao	TU-Ilmenau
Richter, Kay	Ilmenau University of Technology
Gross, Horst-Michael	Ilmenau University of Technology
Raake, Alexander	Ilmenau University of Technology, Audiovisual Technology Group

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Barenbrock, Julia	University of Applied Sciences Ruhr West

Eimler, Sabrina C. Helgert, André Straßmann, Carolin	Hochschule Ruhr West, University of Applied Sciences University of Applied Sciences Ruhr West University of Applied Sciences Ruhr West
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Zang, Wenshuo Hu, Mengsha Liu, Rui	Kent State University Kent State University Kent State University
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Bhagat Smith, Joshua Baskaran, Prakash Adams, Julie	Oregon State University Oregon State University Oregon State University
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Stolarz, Michał Mikołaj Romeo, Marta Mitrevski, Alex Plöger, Paul G.	Hochschule Bonn-Rhein-Sieg, Sankt Augustin Heriot-Watt University Hochschule Bonn-Rhein-Sieg Hochschule Bonn Rhein Sieg
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Garrote, Luís Carlos Perdiz, João Yasemin, Mine Pires, Gabriel Nunes, Urbano J.	Institute of Systems and Robotics, University of Coimbra University of Coimbra ISR-UC University of Coimbra Instituto De Sistemas E Robotica
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Duran Jimenez, Raul Ariel Suppaadirek, Natchanon Shibata, Tomohiro	Kyutech Kyushu Institute of Technology Kyushu Institute of Technology
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Megyeri, Ava Wiederhold, Noah Kyrarini, Maria Banerjee, Sean Banerjee, Natasha Kholgade	Wright State University Clarkson University Santa Clara University Wright State Univeristy Wright State University
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Co-Chair: Oursland, Jacob	South Dakota School of Mines and Technology
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Eder, Matthias Steinbauer-Wagner, Gerald	Graz University of Technology Graz University of Technology
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Fraune, Marlena	New Mexico State University
Knepper, Ross	--
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Oursland, Jacob	South Dakota School of Mines and Technology
Mehrabian, Mohammadreza	South Dakota School of Mines and Technology
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Popescu, Mihaela	University of Bremen
Shinde, Kashmira	German Aerospace Center (DLR)
Sharma, Proneet	DFKI GmbH
Gutzeit, Lisa	University of Bremen
Kirchner, Frank	University of Bremen
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Chair: Rossi, Silvia	Universita' Di Napoli Federico II
Co-Chair: Alenyà, Guillem	Institut De Robòtica I Informàtica Industrial CSIC-UPC
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Civit, Aniol	Universitat Politècnica De Catalunya
Andriella, Antonio	Artificial Intelligence Research Institute, CSIC
Antonio, Maite	Institut Català D'Oncologia
Javierre, Casimiro	Universitat De Barcelona
Boqué, Concepción	Institut Català D'Oncologia
Alenyà, Guillem	Institut De Robòtica I Informàtica Industrial CSIC-UPC
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Mizaridis, Vasileios	University of Naples Federico II
Vigni, Francesco	Interdepartmental Center for Advances in Robotic Surgery - ICARO
Arampatzis, Efstratios	Noosware B.V
Rossi, Silvia	Universita' Di Napoli Federico II
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Vigni, Francesco	Interdepartmental Center for Advances in Robotic Surgery - ICARO
Maglietta, Dimitri	University of Naples Federico II
Rossi, Silvia	Universita' Di Napoli Federico II
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Gong, Ran	UCLA
Gao, Xiaofeng	Amazon
Gao, Qiaozi	Amazon
M Shakiah, Suhaila	Amazon
Thattai, Govind	Amazon
Sukhatme, Gaurav	University of Southern California
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Chair: Ravankar, Ankit A.	Tohoku University
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Miuccio, Alessandra	Politecnico Di Milano

Manriquez-Cisterna, Ricardo	Tohoku University
Ravankar, Ankit A.	Tohoku University
Salazar Luces, Jose Victorio	Tohoku University
Hirata, Yasuhisa	Tohoku University
Rocco, Paolo	Politecnico Di Milano

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Surve, Sushrut	Cornell University
Guo, Jia	Cornell University
Menezes, Jovan	Cornell University
Tate, Connor	University of West Florida, Institute for Human and Machine Cogn
Jin, Yiting	Cornell University
Walker, Justin	Cornell University
Ferrari, Silvia	Cornell University

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SANDULA, AJAY KUMAR	Indian Institute of Science, Bengaluru
M, Rajatsurya	Indian Institute of Science, Bangalore
Ghose, Debasish	Indian Institute of Science
Biswas, PRADIPTA	Indian Institute of Science

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Vishwakarma, Himanshu	Indian Institute of Science
Sampath, Ananyan	All India Institute of Medical Sciences, Bhopal
Vinay Krishna Sharma, Vinay Krishna	Indian Institute of Science
Biswas, PRADIPTA	Indian Institute of Science

TuBT3 Room T3

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Chair: Maurelli, Francesco	Constructor University
Co-Chair: Nikolovska, Kristina	Constructor University

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Chappuis, Alessandra	Ecole Polytechnique Fédérale De Lausanne
Bellegarda, Guillaume	EPFL
Ijspeert, Auke	EPFL

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Yano, Yuga	Kyushu Institute of Technology
Mizutani, Akinobu	Kyushu Institute of Technology
Fukuda, Yukiya	Kyushu Institute of Technology
Kanaoka, Daiju	Kyushu Institute of Technology
Ono, Tomohiro	Toyota Motor Corporation
Tamukoh, Hakaru	Kyushu Institute of Technology

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Borgstedt, Jacqueline	University of Glasgow
Macdonald, Shaun	University of Glasgow
Marky, Karola	Ruhr-Universität Bochum
Pollick, Frank	University of Glasgow
Brewster, Stephen	University of Glasgow

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Nikolovska, Kristina	Constructor University
Pohl, Jan	Technische Universität Dresden
Hommel, Bernhard	Shandong Normal University, Jinan
Kappas, Arvid	Constructor University
Maurelli, Francesco	Constructor University

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Co-Chair: tong, yanzhang	Cardiff University
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tong, yanzhang	Cardiff University
Zhang, Qiyuan	Cardiff University
Ji, Ze	Cardiff University

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Kumar, Rajul	George Mason University
Som, Vaidehi	University of Pennsylvania
Yao, Ningshi	George Mason University

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Heinold, Eva	Federal Institute for Occupational Safety and Health (BAuA)
Rosen, Patricia Helen	Federal Institute for Occupational Safety and Health
Wischniewski, Sascha	Federal Institute for Occupational Safety and Health (BAuA)

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Büttner, Sebastian Thomas	University of Duisburg-Essen
Alhaji, Basel	Duisburg-Essen University
Katariya, Kaushikbhai	Clausthal University of Technology
Prilla, Michael	University of Duisburg-Essen

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Helgesen, Sander	University of Oslo
Nakashima, Kazuto	Kyushu University
Torresen, Jim	University of Oslo
Kurazume, Ryo	Kyushu University

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Xia, Bo	Tsinghua Shenzhen International Graduate School
Luo, yifu	Tsinghua University
Chang, Yongzhe	Tsinghua Shenzhen International Graduate School
Yuan, Bo	Tsinghua University
Li, Zhiheng	Tsinghua University
WANG, xueqian	Center for Artificial Intelligence and Robotics, Graduate School

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YU, Minghao	The Chinese University of Hong Kong
Li, Zhuo	The Chinese University of Hong Kong
Li, Zhihao	The Chinese University of Hong Kong
Liu, Junjia	The Chinese University of Hong Kong
Teng, Tao	The Chinese University of Hong Kong & Hong Kong Centre for Legis
Chen, Fei	The Chinese University of Hong Kong

12:15-12:30 TuBT5.4

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Solomon, Enoch	Virginia State University
Zewoudie, Abraham Woubie	Silo AI
Abdelzaher, Ahmed	Virginia State University
Emiru, Eyael Solomon	University of Trento

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Motion Planning and Navigation in Human-Centered Environments II (Regular Session)

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Takahira, Rin	Kobe University
Liu, Chaoran	Riken
Ishi, Carlos Toshinori	RIKEN
Ohkawa, Takenao	Kobe University

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de Heuvel, Jorge	University of Bonn
Seiler, Florian	Rheinische Friedrich-Wilhelms-Universität Bonn
Bennewitz, Maren	University of Bonn

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Raxit, Sourav	University of New Orleans
Singh, Simant Bahadur	The University of New Orleans
Redwan Newaz, Abdullah Al	University of New Orleans

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Park, Jeongeun	Korea University
Silveira, Jefferson	Queen's University
Pan, Matthew	Queen's University
Choi, Sungjoon	Korea University

TuCT1 Room T1
Bridging Trust and Context: Dynamic Interactions in HAI I (Special Session)

Chair: Fukuchi, Yosuke	Tokyo Metropolitan University
Co-Chair: Yamada, Seiji	National Institute of Informatics

14:40-16:10 TuCT1.1

Associative Games with Virtual Agents: Unexpectedness Increases Willingness to Continue Dialog (I), N/A

Matsui, Tetsuya	Osaka Institute of Technology
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Tsumura, Takahiro	Toyo University
Yamada, Seiji	National Institute of Informatics

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Fukuchi, Yosuke	Tokyo Metropolitan University
Yamada, Seiji	National Institute of Informatics

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Maehigashi, Akihiro	Shizuoka University
Fukuchi, Yosuke	Tokyo Metropolitan University
Yamada, Seiji	National Institute of Informatics
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Shiomi, Masahiro	ATR
Hirayama, Taichi	Doshisha University
Kimoto, Mitsuhiko	Meiji University
Iio, Takamasa	Doshisha University
Shimohara, Katsunori	Doshisha University
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Takagi, Hisashi	BeNEXT Solutions Inc
Li, Yang	Nagoya University
Komori, Masashi	Osaka Electro-Communication University
Terada, Kazunori	Gifu University
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Goldau, Felix Ferdinand	DFKI GmbH
Pascher, Max	TU Dortmund University
Baumeister, Annalies	Frankfurt University of Applied Sciences
Tolle, Patrizia	Deutsch
Gerken, Jens	TU Dortmund University
Frese, Udo	Universität Bremen
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Wald, Sasha	Carnegie Mellon University
Puthuveetil, Kavya	Carnegie Mellon University
Erickson, Zackory	Carnegie Mellon University
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Carlos Martinez, Juan	Lisv Systems Engineering Laboratory of Versailles
Pennino, Federico	Bologna University
Dubois, Cécile	Versailles Engineering Systems Laboratory-LISV
Monacelli, Eric	LISV, University of Versailles
Gabbrielli, Maurizio	Bologna University
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Salman, Nada	University of Paris-Saclay
Benali, Abderraouf	Université De Versailles
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Thalahitiya Vithanage, Ranul Heliitha Vithanage	University of Moratuwa
Senaratne, Nissanka Arachchi Appuhamilage Nidula Ransika	University of Moratuwa
Welangalle, Pesala Dulakith	University of Moratuwa

Amarasinghe, Ranjith Jayathilaka, Wanasinghe Arachchige Dumith Madushanka Jayawardena, Madura	University of Moratuwa Department of Mechanical Engineering, University of Moratuwa University of Sri Jayewardenepura
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Goto, Ryoya	University of Tsukuba
Hassan, Modar	University of Tsukuba
Suzuki, Kenji	University of Tsukuba
TuCT3	Room T3
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Co-Chair: Celik, Cankan	Middle East Technical University
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Celik, Cankan	Middle East Technical University
Ankarali, Mustafa Mert	Middle East Technical University
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Kang, Bonggu	Korea Institute of Industrial Technology(KITECH)
Park, Hong-Sun	Korea Institute of Industrial Technology
Lee, Jinmyeong	Korea Institute of Industrial Technology
YUN, JUNGMIN	Korea Institute of Industrial Technology
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Solovov, Andrey	University of Coimbra
Zarei, Mohammad	Instituto De Sistemas E Robótica - Universidade De Coimbra
Gautam, Vishal	Institute of Systems and Robotics - University of Coimbra
Ferreira, Bruno	Instituto De Sistemas E Robótica - Universidade De Coimbra
Assunção, Gustavo	Institute of Systems and Robotics - University of Coimbra
Marín Hernández, Antonio	Universidad Veracruzana
Menezes, Paulo	Institute of Systems and Robotics
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Martini, Enrico	Università Di Verona
Parekh, Harshil	University of Pennsylvania
Peng, Shaoting	University of Pennsylvania
Bombieri, Nicola	University of Verona
Figueroa, Nadia	University of Pennsylvania
14:40-16:10	TuCT3.5
<i>Human Planning of Robot Actions through LLM-Guided State Machine Synthesis</i> , pp. 430-437.	
Swick, Brennan	The Ohio State University
Donegan, Sean	Air Force Research Laboratory
Gillman, Andrew	Air Force Research Laboratory
Groeber, Michael	The Ohio State University
14:40-16:10	TuCT3.6
<i>A Hierarchical Gesture-Guided Framework for Multi-Manipulator Fabrication and Collaboration</i> , pp. 438-445.	
Wei, Jiaying	Carnegie Mellon University
Bard, Joshua	Carnegie Mellon University

TuCT4		Room T4
Non-Verbal Cues and Expressiveness I (Regular Session)		
Co-Chair: Gjaci, Ariel		University of Genoa
14:40-16:10		TuCT4.1
<i>What Kinds of Facial Self-Touches Strengthen Expressed Emotions?</i> , pp. 446-452.		
Kawano, Junya		Doshisha University
Kimoto, Mitsuhiko		Meiji University
lio, Takamasa		Doshisha University
Shiomi, Masahiro		ATR
14:40-16:10		TuCT4.2
<i>Eyes on the Game: Deciphering Implicit Human Signals to Infer Human Proficiency, Trust, and Intent</i> , pp. 453-460.		
Hulle, Nikhil		University of Colorado, Boulder
Aroca-Ouellette, Stephane		University of Colorado Boulder
Ries, Anthony		DEVCOM ARL
Brawer, Jake		University of Colorado, Boulder
von der Wense, Katharina		Johannes Gutenberg University Mainz
Ronccone, Alessandro		University of Colorado Boulder
14:40-16:10		TuCT4.3
<i>Legibot: Generating Legible Motions for Service Robots Using Cost-Based Local Planners</i> , pp. 461-468.		
Amirian, Javad		Sorbonne University
Abrini, Mouad		Sorbonne University
Chetouani, Mohamed		Sorbonne University
14:40-16:10		TuCT4.4
<i>Attentiveness: A Key Factor in Fostering Affective and Cognitive Trust with Non-Humanoid Robots</i> , pp. 469-476.		
Manor, Adi		Reichman University
parush, avi		Israel Institute of Technology - Technion
Erel, Hadas		Media Innovation Lab, Interdisciplinary Center Herzliya
14:40-16:10		TuCT4.5
<i>Labeling Sentences with Symbolic and Deictic Gestures Via Semantic Similarity</i> , pp. 477-484.		
Gjaci, Ariel		University of Genoa
Recchiuto, Carmine Tommaso		University of Genova
Sgorbissa, Antonio		University of Genova
14:40-16:10		TuCT4.6
<i>Two Is Better Than One: Explanations by Multiple Robots Strengthen the Feeling of Kawaii Toward Objects</i> , pp. 485-490.		
Kimura, Yuki		Nara Women's University
Anzai, Emi		Nara Women's University
Saiwaki, Naoki		Nara Women's University
Shiomi, Masahiro		ATR
TuCT5		Room T5
Computational Architectures and Cognitive Systems (Regular Session)		
Chair: Karydis, Konstantinos		University of California, Riverside
14:40-16:10		TuCT5.1
<i>Strategies for Moment Compensation in Supernumerary Robotic Limbs Manipulation Tasks</i> , pp. 491-496.		
Moon, Chaerim		University of Illinois, Urbana-Champaign
Kim, Joohyung		University of Illinois at Urbana-Champaign
14:40-16:10		TuCT5.2
<i>Multi and Binary Task Classification for Real and Imagined Motor Movements Using EEG Signals</i> , pp. 497-503.		
Cheng, Yibo		Princeton International School of Mathematics and Science
Yadav, Nikhil		St. John's University, Queens, New York
14:40-16:10		TuCT5.3
<i>What Would I Do If...? Promoting Understanding in HRI through Real-Time Explanations in the Wild</i> , pp. 504-509.		
Love, Tamlin		Institut De Robòtica I Informàtica Industrial CSIC-UPC

Andriella, Antonio Alenyà, Guillem	Artificial Intelligence Research Institute, CSIC Institut De Robòtica I Informàtica Industrial CSIC-UPC
14:40-16:10	TuCT5.4
<i>Adaptive Environment-Aware Robotic Arm Reaching Based on a Bio-Inspired Neurodynamical Computational Framework</i> , pp. 510-515.	
Chatziparaschis, Dimitrios Zhong, Shan Christopoulos, Vassilios Karydis, Konstantinos	UC Riverside University of California, Riverside California Institute of Technology University of California, Riverside
14:40-16:10	TuCT5.5
<i>Quantum Exploration-Based Reinforcement Learning for Efficient Robot Path Planning in Sparse-Reward Environment</i> , pp. 516-521.	
Huang, Chao Guo, Yibei Zhu, Zhihui Si, Mei Blankenberg, Daniel Liu, Rui	Kent State University Kent State University Ohio State University Rensselaer Polytechnic Institute Cleveland Clinic Kent State University
14:40-16:10	TuCT5.6
<i>Open Access NAO (OAN): A ROS2-Based Software Framework for HRI Applications with the NAO Robot</i> , pp. 522-527.	
Bono, Antonio Brameld, Kenji D'Alfonso, Luigi Fedele, Giuseppe	University of Calabria TRAC Labs Università Della Calabria University of Calabria
TuCT6	Room T6
Creating Human-Robot Relationships I (Regular Session)	
14:40-16:10	TuCT6.1
<i>How Do Starship Robots Affect Everyday Campus Life? an Exploratory Posting Board Analysis and Interview-Based Study</i> , pp. 528-534.	
Schneider, Adeline Robinson, Ayan Grimm, Cindy Fitter, Naomi T.	Oregon State University Oregon State University Oregon State University Oregon State University
14:40-16:10	TuCT6.2
<i>Robot Social Identity Performance Facilitates Contextually-Driven Trust Calibration and Accurate Human Assessments of Robot Capabilities</i> , pp. 535-541.	
Stull, Maria Lohrmann, Clare Hayes, Bradley	University of Colorado Boulder University of Colorado Boulder University of Colorado Boulder
14:40-16:10	TuCT6.3
<i>Vid2RealHRI: Align Video-Based HRI Study Designs with Real-World Settings</i> , pp. 542-548.	
Hauser, Elliott Chan, Yao-Cheng Modak, Sadanand Biswas, Joydeep Hart, Justin	University of Texas at Austin University of Texas at Austin The University of Texas at Austin University of Texas at Austin University of Texas at Austin
14:40-16:10	TuCT6.4
<i>Fairness-Sensitive Policy-Gradient Reinforcement Learning for Reducing Bias in Robotic Assistance</i> , pp. 549-554.	
Zhu, Jie Hu, Mengsha Zhang, Amy Jin, Ruoming Liu, Rui	George Washington University Kent State University Kent State University Kent State University Kent State University

14:40-16:10	TuCT6.5
<i>An Exploratory Analysis of the Harmonious Bond between Home Robots and Their Owners in Japan</i> , pp. 555-562.	
Ichikura, Aiko	University of Tokyo
Okada, Kei	The University of Tokyo
Inaba, Masayuki	The University of Tokyo
14:40-16:10	TuCT6.6
<i>Action Over Words: Predicting Human Trust in AI Partners through Gameplay Behaviors</i> , pp. 563-568.	
Jafari Meimandi, Kiana	University of Virginia
Bolton, Matthew L.	University of Virginia
Beling, Peter A.	Virginia Tech
TuLBR	Room T10 - Poster Room
Late Breaking Reports Session I (Interactive Session)	
16:10-17:10	TuLBR.1
<i>Co-Design of a Robot with Incarcerated Youth</i> , N/A	
Alves-Oliveira, Patrícia	Amazon Lab126
Cusworth Walker, Sarah	University of Washington
Cakmak, Maya	University of Washington
16:10-17:10	TuLBR.2
<i>Development of a Robotic Fingertip-Shaped Hybrid Tactile Sensor Module for Multi-Sensory Detection During Robot Manipulation</i> , N/A	
Jang, Jin-seok	Korea Research Institute of Standards and Science
Bok, Bo-Gyu	Korea Research Institute of Standards and Science
Kim, Min-Seok	Korea Research Institute of Standards and Science
16:10-17:10	TuLBR.3
<i>Force Profiling of a Shoulder Bidirectional Fabric-Based Pneumatic Actuator for a Pediatric Exosuit</i> , N/A	
Ayazi, Mehrnoosh	University of California, Riverside
Sahin, Ipsita	University of California, Riverside
Mucchiani, Caio	University of California Riverside
Kokkoni, Elena	University of California, Riverside
Karydis, Konstantinos	University of California, Riverside
16:10-17:10	TuLBR.4
<i>Getting Ready: An Intelligent Robot System for Assisting with Activities of Daily Living</i> , N/A .	
Tognotti, Matthew	Santa Clara University
Kyranini, Maria	Santa Clara University
16:10-17:10	TuLBR.5
<i>More Self-Regulation and Self-Esteem through Social Robots?</i> , N/A	
Balalic, Sanja	Hanze University of Applied Sciences
Tolboom, Jos	SLO, the Netherlands Institute for Curriculum Development
sanderman, robbert	University of Groningen
degens, nick	University of Arts Utrecht
Hagedoorn, Mariët	University of Groningen
16:10-17:10	TuLBR.6
<i>EiIBM_Robot: An Emotionally Supportive Robot for Delivering Interpretation Bias Modification Exercises</i> , N/A	
Huang, Shiming	The Hong Kong Polytechnic University
Hoorn, Johan	VU University, Amsterdam
16:10-17:10	TuLBR.7
<i>Draw a Robot Task: The Influence of Children's Age and Drawings on Robot Interactions</i> , N/A	
Howard, Lauren	Franklin and Marshall College
Wilson, Jason	Franklin & Marshall College
Langer, Allison	Temple University
Marshall, Peter	Temple University

16:10-17:10		TuLBR.8
<i>Analysing Explanation-Related Interactions in Collaborative Perception-Cognition-Communication-Action</i> , N/A		
Roig Vilamala, Marc		Cardiff University
Furby, Jack		Cardiff University
de Gortari Briseno, Julian		University of California, Los Angeles
Srivastava, Mani		UCLA
Preece, Alun		Cardiff University
Fuentes, Carolina		Cardiff University
16:10-17:10		TuLBR.9
<i>Can Novice Supervisors Determine Successful from Unsuccessful Grasps from Tactile Sensing?</i> , N/A		
Puente, Karina		Oregon State University
Sadler, Madelyn		Oregon State University
Wilson, Cristina		Oregon State University
Davidson, Joseph		Oregon State University
16:10-17:10		TuLBR.10
<i>Towards a Human Diversity Wheel for Human Robot Interaction</i> , N/A		
Erle, Lukas		Ruhr West University of Applied Sciences
Timm, Lara		University of Applied Sciences Ruhr West
Kleinhaus, Lara		Ruhr West University of Applied Sciences
Straßmann, Carolin		University of Applied Sciences Ruhr West
Eimler, Sabrina C.		Hochschule Ruhr West, University of Applied Sciences
16:10-17:10		TuLBR.11
<i>Revolutionizing Qualitative Human-Robot Interaction Research by Using GPT Models for Inductive Category Development</i> , N/A		
Arlinghaus, Clarissa Sabrina		Bielefeld University
Wulff, Charlotte		Bielefeld University
Maier, Günter W.		Bielefeld University
16:10-17:10		TuLBR.12
<i>Evaluating the Impact of Explainability on the Users' Mental Models of Robots Over Time</i> , N/A		
Gebellí, Ferran		PAL Robotics
Ros, Raquel		PAL Robotics
Lemaignan, Séverin		PAL Robotics
Garrell, Anais		UPC-CSIC
16:10-17:10		TuLBR.13
<i>Explainable Autonomous Mobile Robots: Interface and Socially Aware Learning</i> , N/A		
Chandra Shekar, Kiruthiga		New York University
Doma, Pranav		New York University
Prashanth, Chinmay		New York University
Subramaniam, Vikram		New York University
Arab, Aliasghar		NYU
16:10-17:10		TuLBR.14
<i>Autonomous Robotic Transport System Demonstrates Safety and Efficacy in Blood Sample Transport within Emergency Unit</i> , N/A		
Lewek, Pawel		Medication Adherence Research Centre, Medical University of Lodz
Kardas, Przemyslaw		Medication Adherence Research Centre, Medical University of Lodz
Lojewska, Ewelina		Medical University of Lodz
Timler, Dariusz		Medical University of Lodz
Chiurazzi, Marcello		The BioRobotics Institute, Scuola Superiore Sant'Anna
Ciuti, Gastone		Scuola Superiore Sant'Anna
Granda Sans, Sofia		Inuetum
Votis, Konstantinos		The Centre for Research and Technology Hellas
Lolis, Vasileios		The Centre for Research and Technology Hellas
Flevarakis, Konstantinos		The Centre for Research and Technology Hellas
SORIANO, Angel		R&D Department Robotnik Automation, SLL 46988 Valencia, SPAIN
Millet Pascual-Leone, Marta		The Robotnik Automation S.L

Julia Ros, Raquel	Robotnik
Solaz Estevan, Víctor	Robotnik Automation S.L
Fico, Giuseppe	Universidad Politécnica de Madrid

16:10-17:10 TuLBR.15

Mochi: Designing a Robot with Exaggerated Squash, Stretch, and Shape Alterations, N/A

limori, Masato	Tsukuba University
Tanaka, Fumihide	University of Tsukuba

16:10-17:10 TuLBR.16

Object-Centric Spatially-Aware Gesture-Based Motion Specification of Robotic Manipulation Systems, N/A

Nazir, Rehan	Santa Clara University
Sharma, Manoj	Santa Clara University
Kitts, Christopher	Santa Clara University

TuDT1 Room T1

Bridging Trust and Context: Dynamic Interactions in HAI II (Special Session)

Co-Chair: ren, qiaoqiao AIRO - IDLab - University of Ghent - IMEC

17:10-17:25 TuDT1.1

Automatic Joint Gaze Generation between Local and Remote Persons through Telepresence Robot (I), pp. 631-637.

Ikoma, Hibiki	Shizuoka University
Takeuchi, Yugo	Shizuoka University

17:25-17:40 TuDT1.2

Unveiling Trust Dynamics with a Mobile Service Robot: Exploring Various Interaction Styles for an Agricultural Task (I), pp. 638-645.

Elias, Alex	University of Lincoln
Galvez Trigo, Maria Jose	Cardiff University

17:40-17:55 TuDT1.3

The Effect of Robot Pose and Distance on Pedestrian and Observer Comfort During Passing (I), pp. 646-651.

Ohnishi, Fumiya	Keio University
Takahashi, Masaki	Keio University

17:55-18:10 TuDT1.4

*No More Mumbles: Enhancing Robot Intelligibility through Speech Adaptation**.

ren, qiaoqiao	AIRO - IDLab - University of Ghent - IMEC
Hou, Yuanbo	Ghent University
Botteldooren, Dick	Ghent University
Belpaeme, Tony	Ghent University

TuDT2 Room T2

Assistive Robotics II (Regular Session)

Chair: Liu, Rui	Kent State University
Co-Chair: Guo, Yibei	Kent State University

17:10-17:25 TuDT2.1

Accessibility-Aware Reinforcement Learning for Inclusive Robotic Navigation, pp. 652-658.

Hu, Mengsha	Kent State University
Wu, Yunhuan	Carnegie Mellon University
Guo, Yibei	Kent State University
Wu, Yi	Paris-Saclay University
Shi, Chao	Binghamton University
Xu, Lei	Kent State University
Liu, Rui	Kent State University

17:25-17:40 TuDT2.2

Co-Designing an Accessible Quadruped Navigation Assistant, pp. 659-666.

Doore, Stacy A.	Colby College
Trikasemsak, Narit	Colby College

Gillespie, Alexandra	Colby College
Giudice, Andrea	Pine Tree Guide Dog Users (PTGDU)
Hata, Rayna	Carnegie Mellon University

17:40-17:55 TuDT2.3

Enhancing Functional and Extra Motor Abilities: A Focus Group Study on the Re-Design of an Extra-Robotic Finger, pp. 667-673.

Hendriks, Sjoerd	Chalmers University of Technology
Hasanen, Basma	Khalifa University of Science and Technology
Afzal, Hafiz Malik Naqash	UNSW Sydney
Hussain, Irfan	Khalifa University
Obaid, Mohammad	Chalmers University of Technology

17:55-18:10 TuDT2.4

Enhancing Wheelchair Mobility: Virtual Training System Integrating Lateral Trunk Motion, pp. 674-679.

Callupe Luna, Jhedmar Jhonatan	UVSQ University of Paris-Saclay
Bougherara, Selsabil	Université De Versailles Saint-Quentin-En-Yvelines
Monacelli, Eric	LISV, University of Versailles
Hirata, Yasuhisa	Tohoku University

TuDT3 Room T3

Ethical Issues in Human-Robot Interaction Research II (Regular Session)

Chair: Wang, Yixiao	Georgia Institute of Technology
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17:10-17:25 TuDT3.1

Robots among Us: An Exploratory Study on the Situated Ethics of Human-Robot Interactions in a Public Library, pp. 680-687.

Chan, Kok Hui Jeffrey	Singapore University of Technology and Design
Jiang, Zhuoqun	Singapore University of Technology and Design
Wang, Yixiao	Georgia Institute of Technology

17:25-17:40 TuDT3.2

Rust in Peace: Life-Cycle Management of Companion Robots and Implications for Human Users, pp. 688-695.

Haring, Kerstin Sophie	University of Denver
Laity, Weston	University of Denver

17:40-17:55 TuDT3.3

HRI Wasn't Built in a Day: A Call to Action for Responsible HRI Research, pp. 696-702.

Spitale, Micol	University of Cambridge
Stower, Rebecca	KTH
Parreira, Maria Teresa	Cornell University
Yadollahi, Elmira	KTH
Leite, Iolanda	KTH Royal Institute of Technology
Gunes, Hatice	University of Cambridge

TuDT4 Room T4

Non-Verbal Cues and Expressiveness II (Regular Session)

17:10-17:25 TuDT4.1

Take It! Exploring Cartesian Features for Expressive Arm Motion, pp. 703-710.

Challa, Ramya	Oregon State University
Sanchez, Luke	Oregon State University
Wilson, Cristina	Oregon State University
Knight, Heather	Oregon State University

17:25-17:40 TuDT4.2

Decoding Engagement: The Role of Closeness Cues in Human-Robot Interactions, pp. 711-716.

Loos, Kira	Bielefeld University
Brandt, Mara	Bielefeld University
Vollmer, Anna-Lisa	Bielefeld University

17:40-17:55	TuDT4.3
<i>Safe Spot: Exploring Perceived Safety of Dominant vs Submissive Quadruped Robots</i> , pp. 717-724.	
Hashimoto, Nanami	Delft University of Technology
Hagens, Emma	Delft University of Technology
Zgonnikov, Arkady	Delft University of Technology
Lupetti, Maria Luce	Politecnico Di Torino
17:55-18:10	TuDT4.4
<i>"One Soy Latte for Daniel": Visual and Movement Communication of Intention from a Robot Waiter to a Group of Customers</i> , pp. 725-731.	
Hong, Seung Chan	Monash University
Tian, Leimin	Monash University
Cosgun, Akansel	Monash University
Kulic, Dana	Monash University
TuDT5	Room T5
Programming by Demonstration (Regular Session)	
Co-Chair: Aliasghari, Pourya	University of Waterloo
17:10-17:25	TuDT5.1
<i>A Hybrid Approach of No-Code Robot Programming for Agile Production: Integrating Finger-Gesture and Point Cloud</i> , pp. 732-739.	
Halim, Jayanto	Fraunhofer Institute for Machine Tools and Forming Technology
Eichler, Paul	Fraunhofer Institute for Machine Tools and Forming Technology IW
Krusche, Sebastian	Fraunhofer IWU
Bdiwi, Mohamad	Fraunhofer Institute for Machine Tools and Forming Technology IW
Ihlenfeldt, Steffen	TU Dresden
17:25-17:40	TuDT5.2
<i>Improving Learning from Visual Demonstration Methods by Target Localization</i> , pp. 740-747.	
Foggia, Pasquale	University of Salerno
Rosa, Francesco	University of Salerno
Vento, Mario	University of Salerno
17:40-17:55	TuDT5.3
<i>A Robotic Skill Learning System Built Upon Diffusion Policies and Foundation Models</i> , pp. 748-754.	
Ingelhag, Nils	KTH Royal Institute of Technology
Munkeby, Jesper	KTH Royal Institute of Technology
van Haastregt, Jonne	KTH Royal Institute of Technology
Varava, Anastasiia	KTH, the Royal Institute of Technology
Welle, Michael C.	KTH Royal Institute of Technology
Kragic, Danica	KTH
17:55-18:10	TuDT5.4
<i>A Biologically Inspired Program-Level Imitation Approach for Robots: Proof-Of-Concept</i> , pp. 755-762.	
Aliasghari, Pourya	University of Waterloo
Ghafurian, Moojan	University of Waterloo
Nehaniv, Chrystopher	University of Waterloo
Dautenhahn, Kerstin	University of Waterloo
TuDT6	Room T6
Personalities and Behaviors (Regular Session)	
Co-Chair: Nardelli, Alice	University of Genoa
17:10-17:25	TuDT6.1
<i>Introducing a Note of Levity to Human-Robot Interaction with Dialogs Containing Irony, Sarcasm and Jocularly</i> , pp. 763-768.	
Sievers, Thomas	University of Lübeck
Russwinkel, Nele	Universität Zu Lübeck
17:25-17:40	TuDT6.2

Personality and Memory-Based Framework for Emotionally Intelligent Agents, pp. 769-776.

Nardelli, Alice	University of Genoa
Maccagni, Giacomo	Reply S.p.A
Minutoli, Federico	Reply S.p.A
Sgorbissa, Antonio	University of Genova
Recchiuto, Carmine Tommaso	University of Genova

17:40-17:55

TuDT6.3

Planning with Critical Decision Points: Robots That Influence Humans to Infer Their Strategy, pp. 777-782.

Ghose, Debasmita	Yale University
Lewkowicz, Michal	Yale University
Dong, David	Yale University
Cheng, Andy	Yale University
Doan, Tran	Yale University
Adams, Emma	Yale University
Vázquez, Marynel	Yale University
Scassellati, Brian	Yale

17:55-18:10

TuDT6.4

Human Stress Response and Perceived Safety During Encounters with Quadruped Robots, pp. 783-790.

Gupta, Ryan	University of Texas at Austin
Shin, Hyonyoung	The University of Texas at Austin
Norman, Emily	University of Texas at Austin
Stephens, Keri	The University of Texas at Austin
Lu, Nanshu	The University of Texas at Austin
Sentis, Luis	The University of Texas at Austin

Technical Program for Wednesday, August 28

WeLBR_C	Room T8 - hallway
Late Breaking Reports Session II (Interactive Session)	
10:30-11:30	WeLBR_C.1
<i>Generating Contextually-Relevant Navigation Instructions for Blind and Low Vision People, N/A</i>	
Merchant, Zain	University of Southern California
Anwar, Abrar	University of Southern California
Wang, Emily	University of Southern California
Chattopadhyay, Souti	University of Southern California
Thomason, Jesse	USC Viterbi School of Engineering
10:30-11:30	WeLBR_C.2
<i>A Robot's Moral Advice Is Not Appreciated Neither in Functional nor in Social Communication, N/A .</i>	
Arlinghaus, Clarissa Sabrina	Bielefeld University
Straßmann, Carolin	University of Applied Sciences Ruhr West
Dix, Annika	TU Dresden
10:30-11:30	WeLBR_C.3
<i>Parents' Intention to Adopt Children's Robots Decreases after Seven Days of Use, N/A</i>	
Lin, Chaolan	University of California, San Diego
10:30-11:30	WeLBR_C.4
<i>Development of Machine Vision System for Assisting Cutting Outline Recognition and Gripping Position During Pick and Place Process of Irregular Fabric Pieces, N/A</i>	
Seong, Eunyeong	Korea Institute of Industrial Technology
LEE, HYE JIN	Korea Institute of Industrial Technology
LIM, Dae Young	Korea Institute of Industrial Technology
Won, Chanhee	Korea Institue of Industrial Technology
10:30-11:30	WeLBR_C.5
<i>Towards Improving Terrain Preference Learning Via VAE Query Generation, N/A</i>	
Sinclair, Jordan	University of Denver
Reily, Brian	Army Research Laboratory
Reardon, Christopher M.	University of Denver
10:30-11:30	WeLBR_C.6
<i>Magnetic Concentric Guidewire Inserting Robot towards Endoscopic Retrograde Cholangiopancreatography, N/A</i>	
ZHANG, Tao	Chinese University of Hong Kong
Tang, Ruijie	The Chinese University of Hong Kong
Ren, Hongliang	Chinese Univ Hong Kong (CUHK) & National Univ Singapore(NUS)
10:30-11:30	WeLBR_C.7
<i>ESGNN: Towards Equivariant Scene Graph Neural Network for 3D Scene Understanding, N/A</i>	
Pham Phuoc Minh, Quang	VinUniversity
Nguyen, Tiet Nguyen Khoi	VinUniversity
Ngo, Lan Chi	VinUniversity
Do, Tho Truong	VinUniversity
Hy, Truong Son	Indiana State University
10:30-11:30	WeLBR_C.8
<i>Towards Robot-Based Attention Guidance Using Augmented Reality and Gaze, N/A</i>	
Alabi, Elijah	University of Denver
SHLEIBIK, YOUSRA	University of Denver
Reardon, Christopher M.	University of Denver
10:30-11:30	WeLBR_C.9
<i>Wearable Inductive Sensors for Accurate Hand Gesture Recognition Using Machine Learning, N/A</i>	
Abbasnia, Alma	New York Institute of Technology
Ravan, Maryam	New York Institute of Technology

Khalaj Amineh, Reza	New York Institute of Technology
10:30-11:30	WeLBR_C.10
<i>HRIStudio: A Framework for Wizard-Of-Oz Experiments in Human-Robot Interaction Studies</i> , N/A	
O'Connor, Sean	Bucknell University
Perrone, L. Felipe	Bucknell University
10:30-11:30	WeLBR_C.11
<i>Intuitive Gesture Command Framework for Rover Control in Field</i> , N/A	
Sharma, Manoj	Santa Clara University
Kitts, Christopher	Santa Clara University
10:30-11:30	WeLBR_C.12
<i>Uncanny, Artificial, but Curious: A Mixed Methods Study on Responses to Sex Robots</i> , N/A	
Lee, Seungcheol	Texas Tech University
Kee, Kerk	Texas Tech University
10:30-11:30	WeLBR_C.13
<i>Older Adults' Preferences for Feedback Cadence from an Exercise Coach Robot</i> , N/A	
Kaushik, Roshni	Carnegie Mellon University
Simmons, Reid	Carnegie Mellon University
10:30-11:30	WeLBR_C.14
<i>Judging Sharing with Robots: A Third-Person Perspective on Prosociality</i> , N/A	
Potinteu, Andreea Elena	University of Tübingen, Leibniz Institute for Knowledge Media
Said, Nadia	University of Tübingen
Anders, Gerrit	Leibniz-Institut Für Wissensmedien
Huff, Markus	Leibniz-Institut Für Wissensmedien
10:30-11:30	WeLBR_C.15
<i>The Effect of IoRT on Technology Perception and User Impressions through Social Norm Compliance</i> , N/A	
Kang, Dahyun	Korea Institute of Science and Technology
Lim, Yoonseob	Korea Institute of Science and Technology
Lee, Hanbyeol	Korea Institute of Science and Technology
Kim, Kimun	Korea Institute of Science and Technology
Kwak, Sonya Sona	Korea Institute of Science and Technology (KIST)
10:30-11:30	WeLBR_C.16
<i>Exploring Human-Robot Futures through Participatory Design</i> , N/A	
Stimson, Christina Elizabeth	The University of Sheffield

WeAT1	Room T1
Social Human-Robot Interaction of Human-Care Service Robots: Exploring Foundation Models in Social Human-Robot Interaction (Special Session)	
Chair: Ahn, Ho Seok	The University of Auckland, Auckland
11:00-11:15	WeAT1.1
<i>Beyond Acceptance: Patients Perspectives on Humanoid Assistive Robots in Healthcare (I)</i> , pp. 851-856.	
Reegård, Kine	Institute for Energy Technology
Eitrheim, Maren	Institute for Energy Technology
Kaarstad, Magnhild	Institute for Energy Technology
Fernandes, Alexandra	Institute for Energy Technology
Sørensen, Linda	Sunnaas Hospital
11:15-11:30	WeAT1.2
<i>The Impact of Compositionality in Zero-Shot Multi-Label Action Recognition for Object-Based Tasks (I)</i> , pp. 857-863.	
Calabrese, Carmela	Italian Institute of Technology
Berti, Stefano	Istituto Italiano Di Tecnologia
Pasquale, Giulia	Istituto Italiano Di Tecnologia
Natale, Lorenzo	Istituto Italiano Di Tecnologia

11:30-11:45	WeAT1.3
<i>PhysicsAssistant: An LLM-Powered Interactive Learning Robot for Physics Lab Investigations (I)</i> , pp. 864-871.	
Latif, Ehsan	University of Georgia
Parasuraman, Ramvijas	University of Georgia
Zhai, Xiaoming	University of Georgia
11:45-12:00	WeAT1.4
<i>Enhancing Emotion Detection through ChatGPT-Augmented Text Transformation in Social Media Text (I)</i> , pp. 872-879.	
Lee, Sanghyub John	University of Auckland
Lee, Hyunseo Tony	Hankuk University of Foreign Studies
Lee, Kiseong	Chung-Ang University
12:00-12:15	WeAT1.5
<i>Weighted Multi-Modal Sign Language Recognition (I)</i> , pp. 880-885.	
Liu, Edmond	University of Auckland
Lim, JongYoon	University of Auckland
MacDonald, Bruce	University of Auckland
Ahn, Ho Seok	The University of Auckland, Auckland
12:15-12:30	WeAT1.6
<i>Towards an Interaction Stimulator Social Robot in the Parent-Child Interaction Therapy Based on Real-Time Speech Processing (I)</i> , pp. 886-892.	
Vincze, David	Chuo University
Niitsuma, Mihoko	Chuo University
WeAT2	Room T2
Applications of Social Robots I (Regular Session)	
11:00-11:15	WeAT2.1
<i>Can Robots Enhance the Learning Experience by Making Music More Fun?</i> , pp. 893-900.	
Tisza, Gabriella	Eindhoven University of Technology
Song, Heqiu	RWTH Aachen University
Markopoulos, Panos	Eindhoven University of Technology
Barakova, Emilia I.	Eindhoven University of Technology
Ham, Jaap	Eindhoven University of Technology
11:15-11:30	WeAT2.2
<i>Empowering Human Interaction: A Socially Assistive Robot for Support in Trade Shows</i> , pp. 901-908	
De Simone, Giuseppe	University of Salerno
Saggese, Alessia	Universita' Degli Studi Di Salerno
Vento, Mario	University of Salerno
11:30-11:45	WeAT2.3
<i>Person Transfer in the Field: Examining Real World Sequential Human-Robot Interaction between Two Robots</i> , pp. 909-915.	
Tan, Zhi	Northeastern University
Carter, Elizabeth	Carnegie Mellon University
Steinfeld, Aaron	Carnegie Mellon University
11:45-12:00	WeAT2.4
<i>Technology Exposure Elicits Increased Acceptance of Autonomous Robots and Avatars</i> , pp. 916-923.	
Craig, Stephanie	Psychology Department, University of Guelph
Lavan, Scarlett	Psychology Department, York University
Altarawneh, Enas	York University, EECS
Chandola, Deeksha	EECS, York University
Khan, Walleed	York University
Pepler, Debra	Psychology Department, York University
Jenkin, Michael	York University
12:00-12:15	WeAT2.5
<i>Gender-Emotion Stereotypes in HRI: The Effects of Robot Gender and Speech Act on Evaluations of a Robot</i> , pp. 924-929.	

Kapteijns, Aafje de Graaf, Maartje	Utrecht University Utrecht University
12:15-12:30	WeAT2.6
<i>Audio-Visual Speech Recognition for Human-Robot Interaction: A Feasibility Study</i> , pp. 930-935.	
Goetzee, Sander	Vrije Universiteit Van Amsterdam
Mihhailov, Konstantin	Vrije Universiteit Amsterdam
van de Laar, Roel	Vrije Universiteit Amsterdam
Baraka, Kim	Vrije Universiteit Amsterdam
Hindriks, Koen	Vrije Universiteit Amsterdam
WeAT3	Room T3
Cooperation and Collaboration in Human-Robot Teams I (Regular Session)	
Co-Chair: Esterwood, Connor	University of Michigan
11:00-11:15	WeAT3.1
<i>Robots That Use Physical Repair Strategies after Repeated Errors to Mitigate Trust Decline in Human-Robot Interaction: A Repeated Measures Experiment</i> , pp. 936-943.	
Lane, Sophie	Monash University
Esterwood, Connor	University of Michigan
Kulic, Dana	Monash University
Robinson, Nicole Lee	Monash University
11:15-11:30	WeAT3.2
<i>Spiking Neural Networks for Improved Robot-Human Handoffs</i> , pp. 944-950.	
Gyory, Nathaniel	Naval Research Laboratory
Lawson, Wallace	US Naval Research Laboratory
Trafton, Greg	Naval Research Laboratory
11:30-11:45	WeAT3.3
<i>Assistance-Seeking in Human-Supervised Autonomy: Role of Trust and Secondary Task Engagement</i> , pp. 951-956.	
Mangalindan, Dong Hae	Michigan State University
Srivastava, Vaibhav	Michigan State University
11:45-12:00	WeAT3.4
<i>Anticipation and Proactivity. Unraveling Both Concepts in Human-Robot Interaction through a Handover Example</i> , pp. 957-962.	
Dominguez-Vidal, Jose Enrique	Institut De Robòtica I Informàtica Industrial, CSIC-UPC
Sanfeliu, Alberto	Universitat Politècnica De Catalunya
12:00-12:15	WeAT3.5
<i>Evaluating Leadership Roles in Human-Robot Interaction Via Highly Dynamic Collaborative Tasks</i> , pp. 963-969.	
Tassi, Francesco	Istituto Italiano Di Tecnologia
Giardini Lahr, Gustavo Jose	Hospital Israelita Albert Einstein
Sirintuna, Doganay	HRI2 Lab., Istituto Italiano Di Tecnologia. Dept. of Informatics
Ajoudani, Arash	Istituto Italiano Di Tecnologia
12:15-12:30	WeAT3.6
<i>Contrasting Affiliation and Reference Cues for Conversational Agents in Smart Environments</i> , pp. 970-977.	
Reig, Samantha	University of Massachusetts Lowell
Fong, Terrence	NASA Ames Research Center (ARC)
Carter, Elizabeth	Carnegie Mellon University
Steinfeld, Aaron	Carnegie Mellon University
Forlizzi, Jodi	Carnegie Mellon University
WeAT4	Room T4
Detecting and Understanding Human Activity I (Regular Session)	
Chair: Banerjee, Natasha Kholgade	Wright State University
Co-Chair: Bussolan, Andrea	Scuola Universitaria Professionale Della Svizzera Italiana

11:00-11:15	WeAT4.1
<i>Multimodal Fusion Stress Detector for Enhanced Human-Robot Collaboration in Industrial Assembly Tasks</i> , pp. 978-984.	
Bussolan, Andrea	Scuola Universitaria Professionale Della Svizzera Italiana
Baraldo, Stefano	Scuola Universitaria Professionale Della Svizzera Italiana
Gambardella, Luca	USI-SUPSI
Valente, Anna	SUPSI-ISTePS
11:15-11:30	WeAT4.2
<i>How Education and Tech Savvy Perception Shape AI Interactions</i> , pp. 985-990.	
Biswas, Mriganka	University of Sunderland
Murray, John Christopher	University of Sunderland
11:30-11:45	WeAT4.3
<i>Automating Gaze Target Annotation in Human-Robot Interaction</i> , pp. 991-998.	
Cheng, Linlin	Vrije Universiteit Amsterdam
Hindriks, Koen	Vrije Universiteit Amsterdam
Belopolsky, Artem	Vrije Universiteit Amsterdam
11:45-12:00	WeAT4.4
<i>Using Human-Human Handover Data to Analyze Giver and Receiver Timing Relationships During the Pre-Handover Phase</i> , pp. 999-1004.	
Megyeri, Ava	Wright State University
Banerjee, Sean	Wright State University
Kyranini, Maria	Santa Clara University
Banerjee, Natasha Kholgade	Wright State University
12:00-12:15	WeAT4.5
<i>Design of a Robotic Infant Simulator to Understand the Role of the Trunk in Infant Postural Stability and Center of Pressure</i> , pp. 1005-1012.	
Sowande, Olaoluwaotan	University of Pennsylvania
Koyner, Dwight	University of Pennsylvania
Prosser, Laura	Children's Hospital of Philadelphia
Johnson, Michelle J.	University of Pennsylvania
12:15-12:30	WeAT4.6
<i>Performing Human Shadow Detection for Camera-Based Privacy-Preserving Human-Robot Interactions</i> , pp. 1013-1020.	
Hu, Yuhan	Cornell University
Ray, Prishita	Cornell University
Hoffman, Guy	Cornell University
WeAT5	Room T5
Robots in Education, Therapy and Rehabilitation I (Regular Session)	
11:00-11:15	WeAT5.1
<i>Students with Autism Spectrum Disorder and Intellectual Disability Teach a Robot</i> , pp. 1021-1028.	
Kim, SunKyoung	University of Tsukuba
Iwai, Yuichi	Special Needs Education School, Tokyo Gakugei University
11:15-11:30	WeAT5.2
<i>Effects of Listening Behaviors of a Social Robot on Adult's Motivation and Performance in Piano Practice</i> , pp. 1029-1034.	
Matsusaka, Ryuto	Advanced Telecommunications Research Institute International, K
Shiomi, Masahiro	ATR
Takiguchi, Tetsuya	Kobe University
11:30-11:45	WeAT5.3
<i>Exploring Help-Seeking Behavior, Performance, and Cognitive Load in Individual Tutoring: A Comparative Study between Human Tutors and Social Robots</i> , pp. 1035-1041.	
Hei, Xiaoxuan	ENSTA Paris, Institut Polytechnique De Paris
Zhang, Heng	ENSTA Paris, Institut Polytechnique De Paris
Tapus, Adriana	ENSTA Paris, Institut Polytechnique De Paris

11:45-12:00	WeAT5.4
<i>"Repeat after Me" - Exploring Robot-Assisted Speech Training for Varied Aphasia Severities*</i> , pp. 1042-1047.	
Linden, Katharina Friederike	TH Köln - University of Applied Sciences
Bremer, Michael	TH Köln - University of Applied Sciences
Neef, Caterina	TH Köln - University of Applied Sciences
Richert, Anja	University of Applied Sciences Cologne
12:00-12:15	WeAT5.5
<i>Exploring Task-Level Contingent Mediations for Vocabulary Instruction across Robot, Virtual, and Human Teachers</i> , pp. 1048-1055.	
Louie, Wing-Yue Geoffrey	Oakland University
Christ, Tanya	Oakland University
Shahverdi, Pourya	Oakland University, Michigan, USA
Rouso, Katelyn	Intelligent Robotics Lab, Oakland University, Michigan
dallas, evan	Oakland University
Tyshka, Alexander	Oakland University
Wowra, Amanda	Oakland University
Barnett, Kendra	Oakland University
Bakhoda, Iman	Intelligent Robotics Laboratory, Oakland University, Michigan
12:15-12:30	WeAT5.6
<i>E-MoBo, a Low-Cost, "Robo-Mediator" Helping Therapists Teach Children How to Express Emotions: Insights from Field Testing</i> , pp. 1056-1061.	
Cañete, Raquel	Universidad De Sevilla
Kedar, Yarden	Cornell University
Green, Keith Evan	Cornell University
WeAT6	Room T6
Design of Robots II (Regular Session)	
Co-Chair: Cagiltay, Bengisu	University of Wisconsin-Madison
11:00-11:15	WeAT6.1
<i>Investigating Privacy in the Context of Office Delivery Robots</i> , pp. 1062-1069.	
Grasso, Maria Antonietta	Naver Labs Europe
Williamowski, Jutta	Naver Labs Europe
Park, Jisun	Naver Labs Europe
Bak, Sure	NaverLabs
11:15-11:30	WeAT6.2
<i>Robots in Family Routines: Development of and Initial Insights from the Family-Robot Routines Inventory</i> , pp. 1070-1077.	
Xu, Michael Fusheng	University of Wisconsin-Madison
Cagiltay, Bengisu	University of Wisconsin-Madison
Michaelis, Joseph	University of Illinois Chicago
Sebo, Sarah	University of Chicago
Mutlu, Bilge	University of Wisconsin-Madison
11:30-11:45	WeAT6.3
<i>Investigating Human-Robot Interaction: A User-Centered Approach to Robotic System Setup and Programming</i> , pp. 1078-1083.	
Bergner, Christian	Nuremberg Campus of Technology
Hlatky, Michaela	Nuremberg Campus of Technology
Müller, Sandra	Nuremberg Campus of Technology
Schmidt-Vollus, Ronald	Technische Hochschule Nürnberg Georg Simon Ohm
11:45-12:00	WeAT6.4
<i>Influence of Different Explanation Types on Robot-Related Human Factors in Robot Navigation Tasks</i> , pp. 1084-1091.	
Eder, Matthias	Graz University of Technology
Könczöl, Clemens	University of Graz
Kienzl, Julian	Graz University of Technology
Mosbacher, Jochen	University of Graz

Kubicek, Bettina Steinbauer-Wagner, Gerald	University of Graz Graz University of Technology
12:00-12:15	WeAT6.5
<i>Perceptions and Opinions of Rescuers about a Quadruped Robot in an Earthquake Scenario</i> , pp. 1092-1099.	
Betta, Zoe	University of Genova
Gaudino, Alessandro	University of Perugia
Benini, Alessandro	ANPAS
Recchiuto, Carmine Tommaso	University of Genova
Sgorbissa, Antonio	University of Genova
12:15-12:30	WeAT6.6
<i>A Study on Designing a Robot with Body Features Tailored for Coexistence with Humans in Daily Life Environments</i> , pp. 1100-1105.	
Ahmad, Huthaifa	RIKEN Information R&D and Strategy Headquarters, RIKEN, Kyoto, J
Nakamura, Yutaka	RIKEN
WeBT1	Room T1
Mind Attribution in HRI: Determinants and Consequences (Special Session)	
Chair: Rossi, Alessandra	University of Naples Federico II
14:40-14:55	WeBT1.1
<i>It Is the Way You Lie: Effects of Social Robot Deceptions on Trust in an Assistive Robot (I)</i> , pp. 1106-1111.	
Rossi, Alessandra	University of Naples Federico II
Falcone, Giovanni	University of Naples Federico II
Rossi, Silvia	Universita' Di Napoli Federico II
14:55-15:10	WeBT1.2
<i>Exploring the Most Significant Features for EEG ErrP Detection through Statistical Analysis (I)</i> , pp. 1112-1117.	
fava, alessandra	University of Modena and Reggio Emilia
Villani, Valeria	University of Modena and Reggio Emilia
Sabattini, Lorenzo	University of Modena and Reggio Emilia
15:10-15:25	WeBT1.3
<i>Investigating Mixed Reality for Communication between Humans and Mobile Manipulators (I)</i> , pp. 1118-1125.	
Shaaban, Mohamad	University of Genoa
Macciò, Simone	University of Genoa
Carfi, Alessandro	University of Genoa
Mastrogiovanni, Fulvio	University of Genoa
15:25-15:40	WeBT1.4
<i>Do Humans Have Different Expectations Regarding Humans and Robots' Morality? (I)</i> , pp. 1126-1133.	
Rezaei Khavas, Zahra	Umass Lowell
Kotturu, Monish Reddy	University of Massachusetts Lowell
Azadeh, Reza	University of Massachusetts Lowell
Robinette, Paul	University of Massachusetts Lowell
15:40-15:55	WeBT1.5
<i>Does the Robot Know It Is Being Distracted? Attitudinal and Behavioral Consequences of Second-Order Mental State Attribution in HRI (I)</i> , pp. 1134-1141.	
Thellman, Sam	Linköping University
Koenders, Kelvin	Utrecht University
Neerincx, Anouk	Utrecht University
de Graaf, Maartje	Utrecht University
WeBT2	Room T2
Applications of Social Robots II (Regular Session)	
14:40-14:55	WeBT2.1
<i>Synchronization of Speech Rate to User's Personal Tempo in Dialogue Systems and Its Effects</i> , pp. 1142-1147.	
Ujigawa, Yosuke	Keio Univ

Takashio, Kazunori	Keio University
14:55-15:10	WeBT2.2
<i>An Empathetic Social Robot with Modular Anxiety Interventions for Autistic Adolescents</i> , pp. 1148-1155.	
Xie, Baijun	George Washington University
Park, Chung Hyuk	George Washington University
15:10-15:25	WeBT2.3
<i>Age-Old Gesture: Analyzing the Intuitive Responses to Robot Handshakes among Seniors and Young Adults</i> , pp. 1156-1161.	
van Otterdijk, Marieke T. H.	University of Oslo
Kwak, Dongho	University of Oslo
Baselizadeh, Adel	University of Oslo (UiO)
Saplacan, Diana	University of Oslo
Torresen, Jim	University of Oslo
15:25-15:40	WeBT2.4
<i>Towards Understandable Transparency in Human-Robot-Interactions in Public Spaces</i> , pp. 1162-1169.	
Helgert, André	University of Applied Sciences Ruhr West
Erle, Lukas	Ruhr West University of Applied Sciences
Langer, Sabrina	Ruhr West University of Applied Sciences
Straßmann, Carolin	University of Applied Sciences Ruhr West
Eimler, Sabrina C.	Hochschule Ruhr West, University of Applied Sciences
15:40-15:55	WeBT2.5
<i>Designing a Socially Assistive Robot for the Early Identification of Urinary Tract Infections</i> , pp. 1170-1176.	
Nault, Emilyann	Heriot-Watt University & University of Edinburgh
Baillie, Lynne	Heriot-Watt University
Bettosi, Carl	Heriot-Watt University
15:55-16:10	WeBT2.6
<i>Physics Representation Learning for Dexterous Manipulation Planning</i> , pp. 1177-1182.	
Wu, Yi	Paris-Saclay University
Hu, Mengsha	Kent State University
Jin, Runxiang	Kent State University
Liu, Rui	Kent State University
WeBT3	Room T3
Cooperation and Collaboration in Human-Robot Teams II (Regular Session)	
14:40-14:55	WeBT3.1
<i>Research Needs in Human-Autonomy Teaming: Thematic Analysis of Priority Features for Testbed Development</i> , pp. 1183-1190.	
Smith, Mason	Arizona State University
amatya, sunny	ARIZONA State University
Amresh, Ashish	Northern Arizona University
Gorman, Jamie	Arizona State University
Johnson, Matthew	Inst. for Human & Machine Cognition
Cooke, Nancy	Arizona State University
Zhang, Wenlong	Arizona State University
14:55-15:10	WeBT3.2
<i>Risk-Aware Planning of Collaborative Mobile Robot Applications with Uncertain Task Durations</i> , pp. 1191-1198.	
Lager, Anders	ABB AB
Miloradovic, Branko	Mälardalen University
Spampinato, Giacomo	ABB Robotics
Nolte, Thomas	Mälardalen University
Papadopoulos, Alessandro Vittorio	Mälardalen University
15:10-15:25	WeBT3.3
<i>Visual Action Planning with Multiple Heterogeneous Agents</i> , pp. 1199-1206.	
Lippi, Martina	University of Roma Tre
Welle, Michael C.	KTH Royal Institute of Technology

Moletta, Marco Marino, Alessandro Gasparri, Andrea Kragic, Danica	KTH Royal Institute of Technology University of Cassino and Southern Lazio Università Degli Studi Roma Tre KTH
15:25-15:40	WeBT3.4
<i>From One to Many: How Active Robot Swarm Sizes Influence Human Cognitive Processes</i> , pp. 1207-1212.	
Kaduk, Julian Cavdan, Müge Drewing, Knut Hamann, Heiko	University of Konstanz Justus Liebig University Giessen Giessen University University of Konstanz
15:40-15:55	WeBT3.5
<i>A Tool but Not a Peer: How Framing Affects People's Perceptions of AI Agents in Teams</i> , pp. 1213-1215.	
Fu, Jenny Lipman, Asher Lee, Wen-Ying Jung, Malte	Cornell University Cornell University Cornell University Cornell University
15:55-16:10	WeBT3.6
<i>Working with Robots in Restaurants: Job Responsibility and Work Motivation Changes</i> , pp. 1216-1221.	
Bhatti, Samia Jain, Aarushi Robert, Lionel	University of Michigan Ann Arbor MDI Gurgaon University of Michigan
WeBT4	Room T4
Detecting and Understanding Human Activity II (Regular Session)	
14:40-14:55	WeBT4.1
<i>Feature Selection for Hand Gesture Recognition in Human-Robot Interaction</i> , pp. 1222-1227.	
McCarver, Matthew Qin, Jing Xie, Biyun	University of Kentucky University of Kentucky University of Kentucky
14:55-15:10	WeBT4.2
<i>Graph Construction and Processing towards Egocentric Action Recognition in Machine Inspection</i> , pp. 1228-1235.	
Nishikawa, Keishi Taniguchi, Takaya Sakata, Koji	Mitsubishi Electric Mitsubishi Electric Corporation Mitsubishi Electric Corporation
15:10-15:25	WeBT4.3
<i>Semantic Shared-Task Recognition for Human-Robot Interaction</i> , pp. 1236-1243.	
Vigné, Adrien Sarhou, Guillaume Clodic, Aurélie	LAAS-CNRS LAAS-CNRS Laas - Cnrs
15:25-15:40	WeBT4.4
<i>Crowd Video Motion Capture by Concurrent Optimization of Shapes, Poses and Positions</i> , pp. 1244-1249.	
Kajio, Naoya Saito, Atsushi Sakurai, Akihiro Yamamoto, Ko	The University of Tokyo The University of Tokyo University of Tokyo University of Tokyo
15:40-15:55	WeBT4.5
<i>Investigating Non-Verbal Cues in Cluttered Environments: Insights into Legible Motion from Interpersonal Interaction</i> , pp. 1250-1257.	
Schmidt-Wolf, Melanie Becker, Tyler Oliva, Denielle Nicolescu, Monica Feil-Seifer, David	University of Nevada, Reno University of Nevada, Reno University of Nevada, Reno University of Nevada, Reno University of Nevada, Reno

15:55-16:10	WeBT4.6
<i>Human Gaze and Head Rotation During Navigation, Exploration and Object Manipulation in Shared Environments with Robots</i> , pp. 1258-1265.	
Schreiter, Tim	Örebro University
Rudenko, Andrey	Robert Bosch GmbH
Magnusson, Martin	Örebro University
Lilienthal, Achim J.	Örebro University
WeBT5	Room T5
Robots in Education, Therapy and Rehabilitation II (Regular Session)	
Co-Chair: Zhanatkyzy, Aida	Nazarbayev University
14:40-14:55	WeBT5.1
<i>Robot-Assisted Social Narratives for Children with Diverse Developmental Conditions: A Pilot Study</i> , pp. 1266-1271.	
Amir, Aida	Nazarbayev University
Oralbayeva, Nurziya	Nazarbayev University
Zhenissova, Nurbanu	Nazarbayev University
Telisheva, Zhansaule	Nazarbayev University
Zhanatkyzy, Aida	Nazarbayev University
Issa, Ilyas	Nazarbayev University
Kontorbayeva, Alina	Nazarbayev University
Kuat, Sultan	Astana Medical University
Yermek, Aizhan	Astana Medical University
Sandygulova, Anara	Nazarbayev University
14:55-15:10	WeBT5.2
<i>Adapting to Behavioral and Developmental Differences of Children with ASD with Interactive Reinforcement Learning*</i> .	
Kassymbekov, Saparkhan	Nazarbayev University
Issa, Ilyas	Nazarbayev University
Sandygulova, Anara	Nazarbayev University
15:10-15:25	WeBT5.3
<i>RHINO-VR Experience: Teaching Mobile Robotics Concepts in an Interactive Museum Exhibit</i> , pp. 1272-1278.	
Schlachhoff, Erik	Rheinische Friedrich-Wilhelms-Universität Bonn
Dengler, Nils	University of Bonn
Holland, Leif Van	University of Bonn
Stotko, Patrick	University of Bonn
de Heuvel, Jorge	University of Bonn
Klein, Reinhard	University of Bonn
Bennewitz, Maren	University of Bonn
15:25-15:40	WeBT5.4
<i>Introducing a Model for (Long-Term) Personalization of the Behavior of a Social Robot Tutor Based on Self-Determination Theory and Empirical Findings</i> , pp. 1279-1286.	
Donnermann, Melissa	University of Wuerzburg
Lugrin, Birgit	University of Wuerzburg
15:40-15:55	WeBT5.5
<i>Understanding Barriers to Entry and Invisible Labor for Educational Care Wizards</i> , pp. 1287-1293.	
Romero, Shane	Amazon
Elbeleidy, Saad	Colorado School of Mines
Williams, Tom	Colorado School of Mines
15:55-16:10	WeBT5.6
<i>Federated Joint Learning of Robot Networks in Stroke Rehabilitation</i> , pp. 1294-1300.	
Jiang, Xinyu	University of Macau
Guo, Yibei	Kent State University
Hu, Mengsha	Kent State University
Jin, Ruoming	Kent State University
Phan, Hai	New Jersey Institute of Technology

Alberts, Jay
Liu, Rui

Cleveland Clinic
Kent State University

WeBT6	Room T6
Design of Robots III (Regular Session)	
Chair: Short, Elaine Schaertl	Tufts University
Co-Chair: Sheidlower, Isaac	Tufts University
14:40-14:55	WeBT6.1
<i>Incorporation of the Intended Task into a Vision-Based Grasp Type Predictor for Multi-Fingered Robotic Grasping</i> , pp. 1301-1307.	
Kleer, Niko	DFKI, Saarland Informatics Campus
Keil, Ole	Universität Des Saarlandes
Feick, Martin	DFKI, Saarland Informatics Campus
Gomaa, Amr	DFKI, Saarland Informatics Campus
Schwartz, Tim	German Research Center for Artificial Intelligence (DFKI GmbH)
Feld, Michael	German Research Center for Artificial Intelligence (DFKI), Saarb
14:55-15:10	WeBT6.2
<i>Imagining In-Distribution States: How Predictable Robot Behavior Can Enable User Control Over Learned Policies</i> , pp. 1308-1315.	
Sheidlower, Isaac	Tufts University
Bethel, Emma	Tufts University
Lilly, Douglas	Tufts University
Aronson, Reuben	Tufts University
Short, Elaine Schaertl	Tufts University
15:10-15:25	WeBT6.3
<i>On the Effect of Augmented-Reality Multi-User Interfaces and Shared Mental Models on Human-Robot Trust</i> , pp. 1316-1322.	
Chacon Quesada, Rodrigo	Imperial College London
Casado, Fernando E.	Imperial College London
Demiris, Yiannis	Imperial College London
15:25-15:40	WeBT6.4
<i>Let's Talk about You: Development and Evaluation of an Autonomous Robot to Support Ikigai Reflection in Older Adults</i> , pp. 1323-1330.	
Hsu, Long-Jing	Indiana University Bloomington
Khoo, Weslie	Indiana University
Swaminathan, Manasi	Indiana University, Bloomington
Amon, Kyrie	Indiana University, Bloomington
Muralidharan, Rasika	Indiana University Bloomington
Sato, Hiroki	Indiana University Bloomington
Thant, Min Min	Indiana University
Kim, Anna	Indiana University
Tsui, Katherine	Toyota Research Institute
Crandall, David	Indiana University
Sabanovic, Selma	Indiana University Bloomington
15:40-15:55	WeBT6.5
<i>Human, Animal, or Machine? a Design-Based Exploration of Social Robot Embodiment with a Creative Toolkit</i> , pp. 1331-1338.	
Voges, Amelie	University of Glasgow
Foster, Mary Ellen	University of Glasgow
Cross, Emily S	University of Glasgow
15:55-16:10	WeBT6.6
<i>Walking the Line: Assessing the Role of Gait in a Quadruped Robot's Perception</i> , pp. 1339-1345.	
Dafas, Haralambos	University of Glasgow
Li, Liying Emma	University of Glasgow
Cross, Emily S	University of Glasgow

WeCT1		Room T1
Linguistic Communication and Dialogue (Regular Session)		
16:20-16:35		WeCT1.1
<i>Templated vs. Generative: Explaining Robot Failures</i> , pp. 1346-1353.		
LeMasurier, Gregory		University of Massachusetts Lowell
Tagliamonte, Christian		University of Massachusetts Lowell
Breen, Jacob		University of Massachusetts Lowell
Maccaline, Daniel		University of Massachusetts Lowell
Yanco, Holly		UMass Lowell
16:35-16:50		WeCT1.2
<i>Deepening Conversations Over Time: A Chatbot with a Topic Depth Estimation Model for Gradually Engaging in Deeper Chats</i> , pp. 1354-1361.		
Mitsuno, Seiya		Osaka University
Ban, Midori		Osaka University
Ishiguro, Hiroshi		Osaka University
Yoshikawa, Yuichiro		Osaka University
16:50-17:05		WeCT1.3
<i>Dobby: A Conversational Service Robot Driven by GPT-4</i> , pp. 1362-1369.		
Stark, Carson		University of Texas at Austin
Chun, Bohkyung		The University of Texas at Austin
Charleston, Casey		UT Austin
Ravi, Varsha		University of Texas at Austin
Pabon, Luis		The University of Texas at Austin
Sunkari, Surya		The University of Texas at Austin
Mohan, Tarun		University of Texas at Austin
Stone, Peter		University of Texas at Austin
Hart, Justin		University of Texas at Austin
17:05-17:20		WeCT1.4
<i>A Near-Real-Time Processing Ego Speech Filtering Pipeline Designed for Speech Interruption During Human-Robot Interaction</i> , pp. 1370-1377.		
Li, Yue		Vrije Universiteit Amsterdam
Hindriks, Koen		Vrije Universiteit Amsterdam
Kunneman, Florian		Vrije Universiteit Amsterdam
17:20-17:35		WeCT1.5
<i>How Much Is Too Much: Exploring the Effect of Verbal Route Description Length on Indoor Navigation</i> , pp. 1378-1385.		
N, Fathima Nourin		TCS Research
Pramanick, Pradip		University of Naples Federico II
Sarkar, Chayan		TCS Research
17:35-17:50		WeCT1.6
<i>Grounding Language Instructions That Refer to the Past, Present, And/or Future State of Objects for Human-Robot Interaction</i> , pp. 1386-1393.		
Rahman, Tabib Wasit		University of Rochester
Shakir, Katelyn		University of Rochester
Raicevic, Nikola		University of Rochester
Howard, Thomas		University of Rochester
WeCT2		Room T2
Anthropomorphic Robots and Virtual Humans (Regular Session)		
Chair: Shi, Bertram Emil		Hong Kong University of Science and Technology
16:20-16:35		WeCT2.1
<i>A Humanoid Robot Dialogue System Architecture Targeting Patient Interview Tasks</i> , pp. 1394-1401.		
SHEN, Yifan		Hong Kong University of Science and Technology
Liu, Dingdong		HKUST
Bang, Yejin		Hong Kong University of Science and Technology

Chan, Ho Shu	The Hong Kong University of Science and Technology
Frieske, Rita	The Hong Kong University of Science and Technology
CHUNG, Hoo Choun	The Hong Kong University of Science and Technology
Nieles, Jay Patrick Monton	The Hong Kong University of Science and Technology
ZHANG, Tianjia	Hong Kong University of Science and Technology
Pham, Trung Kien	The Hong Kong University of Science and Technology
CHENG, Wai Yi Rosita	The Hong Kong University of Science and Technology
FANG, YINI	Hong Kong University of Science and Technology
Chen, Qifeng	HKUST
FUNG, Pascale	The Hong Kong University of Science and Technology
Ma, Xiaojuan	Computer Science & Engineering, Hong Kong University of Science
Shi, Bertram Emil	Hong Kong University of Science and Technology

16:35-16:50 WeCT2.2

Robots Can Only Be Explicitly Responsible, N/A

Matsui, Tetsuya Osaka Institute of Technology

16:50-17:05 WeCT2.3

Gendered and Machine-Like Features in Voices Affect Social Judgments, pp. 1408-1415.

Neuenswander, Kelsey L. University of California, Los Angeles
 Bryant, Gregory A. University of California, Los Angeles
 Stroessner, Steven University of California, Los Angeles

17:05-17:20 WeCT2.4

Improving Impressions of Response Delay in AI-Based Spoken Dialogue Systems, pp. 1416-1421.

Asaka, Shuhei Tokyo Institute of Technology
 Itoyama, Katsutoshi Tokyo Institute of Technology
 Nakadai, Kazuhiro Tokyo Institute of Technology

17:20-17:35 WeCT2.5

Robotic In-Hand Manipulation with Relaxed Optimization, pp. 1422-1429.

Hammoud, Ali Sorbonne University
 Belcamino, Valerio Università Degli Studi Di Genova
 HUET, Quentin Sorbonne ISIR
 Carfi, Alessandro University of Genoa
 Khoramshahi, Mahdi EPFL
 Perdereau, Véronique Sorbonne University
 Mastrogiovanni, Fulvio University of Genoa

17:35-17:50 WeCT2.6

On Experimental Energy Consumption Estimation of a 6-DoF Industrial UR3e Robot Arm Manipulator in Trajectory Planning, pp. 1430-1435.

Hosseini, Sara University of Erlangen-Nuremberg
 Hahn, Ingo Uni Erlangen

WeCT3 Room T3

Cooperation and Collaboration in Human-Robot Teams III (Regular Session)

Chair: Short, Elaine Schaertl Tufts University

16:20-16:35 WeCT3.1

A Research Platform for Human-Robot-Interaction with Focus on Collaborative Assembly Scenarios, pp. 1436-1442.

Kaden, Sascha Chemnitz University of Technology
 Schwarz, Lucas Chemnitz University of Technology
 Roehrbein, Florian Chemnitz University of Technology

16:35-16:50 WeCT3.2

Human-Robot Action Teams: A Behavioral Analysis of Team Dynamics, pp. 1443-1448.

Haripriyan, Arthi UC San Diego
 Jamshad, Rabeya UC San Diego
 Ramaraj, Preeti University of California, San Diego

Riek, Laurel D.	University of California San Diego
16:50-17:05	WeCT3.3
<i>The Impact of Group Composition and Visual Group Token on Outsiders' Perceived Entitativity of Human-Robot Mixed Groups</i> , pp. 1449-1456.	
Song, Heqiu	RWTH Aachen University
Rosenthal-von der Pütten, Astrid Marieke	RWTH Aachen University
17:05-17:20	WeCT3.4
<i>Multilateral Multimodal Human-Robot Collaboration for Robotic Nursing Assistance: Prototype System and Preliminary User Study</i> , pp. 1457-1462.	
Genua, Lorena Maria	Worcester Polytechnic Institute
Boguslavskii, Nikita	Worcester Polytechnic Institute (WPI)
Li, Zhi	Worcester Polytechnic Institute
17:20-17:35	WeCT3.5
<i>The Limits of Robot Moderators: Evidence against Robot Personalization and Participation Equalization in a Building Task</i> , pp. 1463-1470.	
Owens, Hayley	Tufts
Aronson, Reuben	Tufts University
Short, Elaine Schaertl	Tufts University
17:35-17:50	WeCT3.6
<i>I Have Other Tasks to Do... Analyzing Human Perception of Robots Practising Ruthless Prioritization</i> , pp. 1471-1476.	
Park, Yu Na	Purdue North West
roy, Sayanti	Purdue University Northwest
WeCT4	Room T4
Embodiment, Designs and Applications (Regular Session)	
Co-Chair: LaMack, Cameron	Cleveland State University
16:20-16:35	WeCT4.1
<i>Non-Expert Caregivers to Improve the Identification of a Physiologically Actuated Robot</i> , pp. 1477-1482.	
LaMack, Cameron	Cleveland State University
Scheerer, Eric	Cleveland State University
16:35-16:50	WeCT4.2
<i>Trust, Safety and Efficacy of Autonomous Robotic Ultrasound Vascular Imaging Collection on Human Subjects</i> , pp. 1483-1490.	
Oca, Siobhan	Duke University
Lindstrom, Kara	Duke University
Lasso Velasco, Juan	Duke University
Bridgeman, Leila	Duke University
Buckland, Daniel	Duke University
16:50-17:05	WeCT4.3
<i>Learning from Demonstration of Robot Motions and Stiffness Behaviors for Surgical Blunt Dissection</i> , pp. 1491-1496.	
Arduini, Riccardo	Politecnico Di Milano
Michel, Youssef	Technical University of Munich
Singh, Harsimran	DLR German Aerospace Center
Klodmann, Julian	German Aerospace Center
Lee, Dongheui	Technische Universität Wien (TU Wien)
17:05-17:20	WeCT4.4
<i>To Be or Not to (Physically) Be? a Study on Preferences in Embodied Socially Interactive Agents for Health Monitoring of Older Adults</i> , pp. 1497-1502.	
Neef, Caterina	TH Köln - University of Applied Sciences
Linden, Katharina Friederike	TH Köln - University of Applied Sciences
Richert, Anja	University of Applied Sciences Cologne
17:20-17:35	WeCT4.5
<i>Ties That Bind: Group Effects in Human-Robot Team Interaction in Japan and the United States</i> , pp. 1503-1509.	

Collins, Sawyer	Indiana University Bloomington
Fraune, Marlena	New Mexico State University
Amon, Kyrie	Indiana University, Bloomington
Smith, Eliot	Indiana University
Sabanovic, Selma	Indiana University Bloomington

17:35-17:50 WeCT4.6

Who Is a Robot? a Fundamental Model of Artificial Identity, pp. 1510-1515.

Miranda, Lux Uppsala University

WeCT5 Room T5
Robots in Education, Therapy and Rehabilitation III (Regular Session)

16:20-16:35 WeCT5.1

Effects of Feedback Styles on Performance and Preference for an Exercise Coach, pp. 1516-1523.

Kaushik, Roshni Carnegie Mellon University
 Simmons, Reid Carnegie Mellon University

16:35-16:50 WeCT5.2

The Impact of Age and Educational Robotics on Children's Perception of Robots: A Qualitative Coding Analysis, pp. 1524-1531.

Bogliolo, Michela Scuola Di Robotica
 Saettone, Lorenza University of Genoa
 Bixio, Allegra Università Di Genova
 Sgorbissa, Antonio University of Genova
 fedriga, riccardo Univerità Di Bologna
 Micheli, Emanuele Scuola Di Robotica
 Casadio, Maura University of Genoa
 Recchiuto, Carmine Tommaso University of Genoa

16:50-17:05 WeCT5.3

Using Video-Based Interventions to Enhance Public Understanding of Delivery Robots, pp. 1532-1537.

Robinson, Ayan Oregon State University
 Grimm, Cindy Oregon State University
 Fitter, Naomi T. Oregon State University

17:05-17:20 WeCT5.4

Evaluating a Soft Robotic Vest's Ability to Reduce General Anxiety, pp. 1538-1543.

Bontula, Anisha Oregon State University
 Jones, Kyler Oregon State University
 Buchmeier, Sean Oregon State University
 Wilson, Cristina Oregon State University
 Fitter, Naomi T. Oregon State University

17:20-17:35 WeCT5.5

*Adaptive Contextual Feature Fusion: Leveraging Human-Robot Interaction with Speech Emotion Recognition**.

Biswas, Sougatamoy National Institute of Technology Rourkela
 Sahoo, Pratik Kumar National Institute of Technology Rourkela
 Mishra, Romala National Institute of Technology Rourkela
 Nandy, Anup NIT Rourkela

17:35-17:50 WeCT5.6

The Impact of Physical Anthropomorphism in Social Robots on User Compliance: The Moderating Effect of Issue Involvement, pp. 1544-1549.

Yi, Eunju Kookmin University
 Park, Do-Hyung Kookmin University

WeCT6	Room T6
Design of Robots I (Regular Session)	
16:20-16:35	WeCT6.1
<i>A Dance Performance with a Humanoid Robot Using a Real-Time Gesture Responsive Framework</i> , pp. 1550-1555.	
HONG, HUI-TING	University of Paris 8
Chen, Chu-Yin	Paris 8 University
TANGUY, Arnaud	CNRS-UM LIRMM
Kheddar, Abderrahmane	CNRS-AIST
16:35-16:50	WeCT6.2
<i>More Than Trust: Compliance in Instantaneous Human-Robot Interactions</i> , pp. 1556-1563.	
Weerawardhana, Sachini Situmini	King's College London
Akintunde, Michael	King's College London
Masters, Peta	King's College London
Roberts, Aaron	Thales Group UK
Kefalidou, Genovefa	University of Leicester
Lu, Yang	York St John University
Canal, Gerard	King's College London
Lehchevska, Nicole	King's College London
Halvorsen, Elisabeth Koren	King's College London
Wei, Wei	King's College London
Moreau, Luc	King's College London
16:50-17:05	WeCT6.3
<i>Co-Designing Explainable Robots: A Participatory Design Approach for HRI</i> , pp. 1564-1570.	
Gebellí, Ferran	PAL Robotics
Ros, Raquel	PAL Robotics
Lemaignan, Séverin	PAL Robotics
Garrell, Anais	UPC-CSIC
17:05-17:20	WeCT6.4
<i>Appropriateness of LLM-Equipped Robotic Well-Being Coach Language in the Workplace: A Qualitative Evaluation</i> , pp. 1571-1578.	
Spitale, Micol	University of Cambridge
Axelsson, Minja	University of Cambridge
Gunes, Hatice	University of Cambridge
17:20-17:35	WeCT6.5
<i>Development and Evaluation of a Transparency Model for the Design of Humanoid Service Robots</i> , pp. 1579-1586.	
Nukovic, Lejla	TU Darmstadt
Kirchhoff, Jérôme	Technische Universität Darmstadt
von Stryk, Oskar	Technische Universität Darmstadt
17:35-17:50	WeCT6.6
<i>Designing a Bow-Inspired Rigidable Exosuit for Adaptive Support</i> , N/A	
Yoon, Sungwoon	SUNGKYUNKWAN UNIVERSITY
Lee, Sungho	Sungkyunkwan University
Song, Junyong	University of Science and Technology
Jeong, Yonghwan	University of Science and Technology (UST)
Kang, Hokwon	Korea Institute of Industrial Technology
Kim, Jungyeong	Korea Institute of Industrial Technology (KITECH)
Park, Sangshin	Korea Institute of Industrial Technology
Han, SangChul	Korea Institute of Industrial Technology
Kim, Jin Tak	KITECH(Korea Institute of Industrial Technology),
Kim, Jinhyeon	Korea Institute of Industrial Technology(KITECH)
Choi, Hyouk Ryeol	Sungkyunkwan University
Cho, Jungsan	KITECH(Korea Institute of Industrial Technology)

Technical Program for Thursday, August 29

ThAT1		Room T1
Human Modeling for Adaptive Interactions and Robot Autonomy I (Special Session)		
Co-Chair: Kille, Sean		Karlsruhe Institute of Technology
10:15-10:30		ThAT1.1
<i>Human-Variability-Respecting Optimal Control for Physical Human-Machine Interaction (I)</i> , pp. 1595-1602.		
Kille, Sean		Karlsruhe Institute of Technology
Leibold, Paul		Karlsruhe Institute of Technology
Karg, Philipp		Karlsruhe Institute of Technology (KIT)
Varga, Balint		Karlsruhe Institute of Technology (KIT), Campus South
Hohmann, Sören		Institute of Control Systems, Karlsruhe Institute of Technology
10:30-10:45		ThAT1.2
<i>Experimental Evaluation of ROS-Causal in Real-World Human-Robot Spatial Interaction Scenarios (I)</i> , pp. 1603-1609.		
Castri, Luca		University of Lincoln
Beraldo, Gloria		National Research Council of Italy
Mghames, Sariah		University of Lincoln
Hanheide, Marc		University of Lincoln
Bellotto, Nicola		University of Padua
10:45-11:00		ThAT1.3
<i>Kinesthetic Teaching in Robotics: A Mixed Reality Approach (I)</i> , pp. 1610-1617.		
Macciò, Simone		University of Genoa
Shaaban, Mohamad		University of Genoa
Carfi, Alessandro		University of Genoa
Mastrogiovanni, Fulvio		University of Genoa
11:00-11:15		ThAT1.4
<i>Challenges in Detecting and Analyzing EEG Error-Related Potentials: Lessons from a Case Study in HRI (I)</i> , pp. 1618-1623.		
fava, alessandra		University of Modena and Reggio Emilia
lucchese, adriana		University of Modena and Reggio Emilia
Meattini, Roberto		University of Bologna
Palli, Gianluca		University of Bologna
Villani, Valeria		University of Modena and Reggio Emilia
Sabattini, Lorenzo		University of Modena and Reggio Emilia
ThAT2		Room T2
Digital Health Applications of Social Robots (Special Session)		
Co-Chair: Fuentes, Carolina		Cardiff University
10:15-10:30		ThAT2.1
<i>The Ins and Outs of Socially Assistive Robots: Sensors and Behaviors of a Therapeutic Robot for Depression Management (I)</i> , pp. 1624-1629.		
Collins, Sawyer		Indiana University Bloomington
Henkel, Zachary		Mississippi State University
Henkel, Kenna Baugus		Mississippi State University
Bennett, Casey C.		DePaul University
Stanojevic, Cedomir		Clemson University
Piatt, Jennifer		Indiana University-Bloomington
Bethel, Cindy L.		Mississippi State University
Sabanovic, Selma		Indiana University Bloomington
10:30-10:45		ThAT2.2
<i>An Exploratory Analysis of Trust in Socially Assistive Robot Interactions with Unpaid Carers of Older Adults (I)</i> , pp. 1630-1637.		
Gul, Aisha		Cardiff University

Turner, Liam	Cardiff University
Fuentes, Carolina	Cardiff University
10:45-11:00	ThAT2.3

Alpha Mini Social Robot As a Fitness Trainer at Home (I), pp. 1638-1643.

De Carolis, Berardina Nadja	University of Bari
Palestra, Giuseppe	University of Bari
Bochicchio, Mario	University of Bari A. Moro
Mazzoleni, Stefano	Polytechnic University of Bari

11:00-11:15	ThAT2.4
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Multimodal and Multi-Lingual Deep Neural Network for Interactive Behavior Style Recognition from Uncontrolled Video-Logs of Children with Autism (I), pp. 1644-1650.

Zhao, Zhenhao	George Washington University
Chung, Eunsun	Yonsei University
Lee, Myungeun	George Washington University
Kyong-Mee, Chung	Yonsei University
Park, Chung Hyuk	George Washington University

ThAT3	Room T3
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Child-Robot Interaction I (Regular Session)
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Co-Chair: Laban, Guy	University of Cambridge
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10:15-10:30	ThAT3.1
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Robotising Psychometrics: Validating Wellbeing Assessment Tools in Child-Robot Interactions, pp. 1651-1658.

Abbasi, Nida Itrat	University of Cambridge
Laban, Guy	University of Cambridge
Ford, Tamsin	University of Cambridge
Jones, Peter B.	University of Cambridge
Gunes, Hatice	University of Cambridge

10:30-10:45	ThAT3.2
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Acceptability of a Home-Based Humanoid Robot for Deaf Children with Cochlear Implants and Their Family: A First Step towards a Remote Speech-Language Training Tool, pp. 1659-1666.

Stiti, Sabrina	University of Toulouse III Paul Sabatier
Caroux, Loïc	Cile-Csc Umr 5263 Ut2j-Cnrs
Gaillard, Pascal	Cile Umr 5263 Ut2j-Cnrs
Paubel, Pierre-Vincent	CLLE-LTC UMR 5263 UT2J-CNRS, Toulouse
Barone, Pascal	Cerco Umr 5549 Cnrs-Ut3
Deguine, Olivier	Service D'oto-Rhino-Laryngologie, Oto-Neurologie Et O.R.L Pédiat

10:45-11:00	ThAT3.3
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Bow Ties & Colorful Eyes: Centering Youth Designs of Social Robots, pp. 1667-1674.

Levinson, Leigh	Indiana University
Gomez, Randy	Honda Research Institute Japan Co., Ltd
Sabanovic, Selma	Indiana University Bloomington

11:00-11:15	ThAT3.4
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"If a Robot Was Teaching, Then Everybody Would Definitely Like School Better": An Analysis of Grade 3-5 Children's Perceptions of Learning STEM Vocabulary with a Social Educational Robot, pp. 1675-1680.

Louie, Wing-Yue Geoffrey	Oakland University
Christ, Tanya	Oakland University
Wowra, Amanda	Oakland University
Alexander, Danielle	Oakland University
Bakhoda, Iman	Intelligent Robotics Laboratory, Oakland University, Michigan
Shahverdi, Pourya	Oakland University, Michigan, USA

ThAT4	Room T4
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Motion Planning and Navigation in Human-Centered Environments III (Regular Session)
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Co-Chair: YANG, Guang	Stevens Institute of Technology
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10:15-10:30	ThAT4.1
<i>Robots on the Road - Investigating Potentials of eHMI-Concepts for HRI to Tackle Critical Situations in Public Spaces</i> , pp. 1681-1688.	
Turriziani, Lea	Ulm University
Kraus, Johannes	Johannes-Gutenberg University of Mainz
Zeng, Zhe	Ulm University
Ruess, Stephanie	Ulm University
Kannan, Shyam Sundar	Purdue University
10:30-10:45	ThAT4.2
<i>Semantic Map Based Robot Navigation with Natural Language Input</i> , pp. 1689-1696.	
YANG, Guang	Stevens Institute of Technology
huang, xinchi	Stevens Institute of Technology
Guo, Yi	Stevens Institute of Technology
10:45-11:00	ThAT4.3
<i>Improving UV Disinfection of Objects by a Robot Using Human Feedback</i> , pp. 1697-1704.	
Sanchez, Alan Giovanni	Oregon State University
Bernhart, Nash	Oregon State University
Smart, William	Oregon State University
11:00-11:15	ThAT4.4
<i>A Novel Social Navigation Approach Based on Model Predictive Control and Social Force Model</i> , pp. 1705-1711.	
Sacco, Federico	Università Di Modena E Reggio Emilia
Recchiuto, Carmine Tommaso	University of Genova
Mårtensson, Jonas	KTH Royal Institute of Technology
ThAT5	Room T5
Multimodal Interaction and Conversational Skills I (Regular Session)	
10:15-10:30	ThAT5.1
<i>A Little Chit-Chat Goes a Long Way: Design and Evaluation of Task and Person-Oriented Styles for Social Robots</i> , pp. 1712-1719.	
Saad, Elie	Delft University of Technology - TUDelft; Holy Spirit University
broekens, joost	Leiden University
Neerincx, Mark	TNO
10:30-10:45	ThAT5.2
<i>Learning Anomaly Detection Models for Human-Robot Interaction</i> , pp. 1720-1725.	
Mochizuki, Shota	Nagoya University
Yamashita, Sanae	Nagoya University
Yuasa, Reiko	Nagoya University
Kubota, Tomonori	Nagoya University
Ogawa, Kohei	Nagoya University
Higashinaka, Ryuichiro	Nagoya University/NTT
10:45-11:00	ThAT5.3
<i>Toward a Multi-Dimensional Humor Dataset for Social Robots</i> , pp. 1726-1732.	
Zhang, Heng	ENSTA Paris, Institut Polytechnique De Paris
Hei, Xiaoxuan	ENSTA Paris, Institut Polytechnique De Paris
García Cárdenas, Juan José	ENSTA - Institute Polytechnique De Paris
Miao, Xin	Tsinghua University
Tapus, Adriana	ENSTA Paris, Institut Polytechnique De Paris
11:00-11:15	ThAT5.4
<i>Predictive Turn-Taking: Leveraging Language Models to Anticipate Turn Transitions in Human-Robot Dialogue</i> , pp. 1733-1738.	
Pinto-Bernal, Maria	Ghent University—imec
Belpaeme, Tony	Ghent University

ThAT6		Room T6
Novel Interfaces and Interaction Modalities I (Regular Session)		
Chair: Liu, Rui		Kent State University
10:15-10:30		ThAT6.1
<i>How Much Progress Did I Make? an Unexplored Human Feedback Signal for Teaching Robots</i> , pp. 1739-1746.		
YU, HANG		Tufts University
Fang, Qidi		Tufts University
Fang, Shijie		Tufts University
Aronson, Reuben		Tufts University
Short, Elaine Schaertl		Tufts University
10:30-10:45		ThAT6.2
<i>HGIC: A Hand Gesture Based Interactive Control System for Efficient and Scalable Multi-UAV Operations</i> , pp. 1747-1753.		
Hu, Mengsha		Kent State University
Li, Jinzhou		Cornell University
Jin, Runxiang		Kent State University
Shi, Chao		Binghamton University
Xu, Lei		Kent State University
Liu, Rui		Kent State University
10:45-11:00		ThAT6.3
<i>Precise Workcell Sketching from Point Clouds Using an AR Toolbox</i> , pp. 1754-1760.		
Zieliński, Krzysztof		University of Southern Denmark / Universal Robots A/S
Blumberg, Bruce		Universal Robots A/S
Mikkell, Kjærgaard		University of Southern Denmark
11:00-11:15		ThAT6.4
<i>Force-Based Haptic Input Device and Online Motion Generator: Investigating Learning Curves in Robotic Telemanipulation</i> , pp. 1761-1767.		
Markert, Timo		Resense GmbH
Matich, Sebastian		WITTENSTEIN SE
Neykov, Daniel		Resense GmbH
Pfannes, Jonas		WITTENSTEIN SE
Theissler, Andreas		Aalen University of Applied Sciences
Atzmueller, Martin		Osnabrück University, Institute of Computer Science, Semantic In
ThBT1		Room T1
Human Modeling for Adaptive Interactions and Robot Autonomy II (Special Session)		
11:30-11:45		ThBT1.1
<i>Exploring Engagement in Human-Robot Interaction through the Quantification of Human Spontaneous Movement (I)</i> , pp. 1768-1773.		
Casso, Isabel		Université De Lille
Ferreira Chame, Hendry		University of Lorraine / CNRS
Henaff, Patrick		Université De Lorraine, CNRS, INRIA, LORIA, F-54000 Nancy, Fra
Delevoye-Turrell, Yvonne N.		Univ. Lille, CNRS, UMR 9193 - SCALab - Sciences Cognitives Et Sc
11:45-12:00		ThBT1.2
<i>I Am Part of the Robot's Group: Evaluating Engagement and Group Membership from Egocentric Views (I)</i> , pp. 1774-1779.		
Grimaldi, Carmine		Università Degli Studi Di Napoli Federico II
Rossi, Alessandra		University of Naples Federico II
Rossi, Silvia		Universita' Di Napoli Federico II
12:00-12:15		ThBT1.3
<i>Investigating User Engagement Dynamics in Robot-To-Human Handovers with a Social Manipulator (I)</i> , pp. 1780-1785.		
Sorrentino, Alessandra		University of Florence
La Viola, Carlo		University of Florence
Mancioppi, Gianmaria		Università Degli Studi Di Firenze
Papi, Luca		University of Florence

Cavallo, Filippo	University of Florence
Fiorini, Laura	University of Florence
12:15-12:30	ThBT1.4
<i>Modeling and Experimental Verification of a Continuous Curvature-Based Soft Growing Manipulator*</i> .	
Allen, Justin	Washington State University
Dorosh, Ryan	Washington State University
Ninatanta, Chris	Washington State University
Allen, Andrew	Washington State University
Shui, Linlin	Communication University of China
Yoshida, Kyle	Washington State University
Luo, Jiecai	Southern University
Luo, Ming	Washington State University
ThBT2	Room T2
Ethical Issues in Human-Robot Interaction Research I (Regular Session)	
11:30-11:45	ThBT2.1
<i>Greeting Preferences in a Hospitality Context: A Cross-Cultural Study with a Social Robot</i> , pp. 1786-1793.	
Avijeet, Priyank	University of Waterloo
Aliasghari, Pourya	University of Waterloo
Dautenhahn, Kerstin	University of Waterloo
11:45-12:00	ThBT2.2
<i>Comparative Analysis of Vision-Based Sensors for Human Monitoring in Care Robots: Exploring the Utility-Privacy Trade-Off</i> , pp. 1794-1801.	
Baselizadeh, Adel	University of Oslo (UiO)
Saplacan, Diana	University of Oslo
Khaksar, Weria	Norwegian University of Life Sciences
Uddin, Md. Zia	University of Oslo
Torresen, Jim	University of Oslo
12:00-12:15	ThBT2.3
<i>Balancing Innovation and Regulation: The Impact of Government Policies and Perceived Risk on Public Trust in AI Applications</i> , pp. 1802-1808.	
Kim, Boyoung	George Mason University Korea
Kwon, Soyoung	George Mason University Korea
12:15-12:30	ThBT2.4
<i>How Do People Intend to Disclose Personal Information to a Social Robot in Public Spaces?</i> , pp. 1809-1814.	
Aryania, Azra	Institut De Robotica I Informatica Industrial, CSIC-UPC
Huertas García, Rubén	Universitat De Barcelona
Forgas, Santiago	Universitat De Barcelona
Angulo, Cecilio	Technical University of Catalonia
Alenyà, Guillem	Institut De Robòtica I Informàtica Industrial CSIC-UPC
ThBT3	Room T3
Child-Robot Interaction II (Regular Session)	
11:30-11:45	ThBT3.1
<i>Song Gesture Recognition for a Robot-Enhanced Imitation Therapy</i> , pp. 1815-1820.	
Fassina, Gabriele	Politecnico Di Milano
Santos, Laura	Instituto Superior Tecnico, Universidade De Lisboa
Zorzella, Elisa	Politecnico Di Milano
Caglio, Arianna	IRCCS Fondazione Don Carlo Gnocchi
Annunziata, Silvia	IRCCS Fondazione Don Carlo Gnocchi
Cavallini, Anna	IRCCS Fondazione Don Carlo Gnocchi
Pedrocchi, Alessandra	Politecnico Di Milano
Ambrosini, Emilia	Politecnico Di Milano

11:45-12:00	ThBT3.2
<i>Exploring the Suitability of Conversational AI for Child-Robot Interaction</i> , pp. 1821-1827.	
Mannava, Vivek	Hochschule Bonn-Rhein-Sieg
Mitreviski, Alex	Hochschule Bonn-Rhein-Sieg
Plöger, Paul G.	Hochschule Bonn Rhein Sieg
12:00-12:15	ThBT3.3
<i>A HeARTfelt Robot: Social Robot-Driven Deep Emotional Art Reflection with Children</i> , pp. 1828-1835.	
Pu, Isabella	Massachusetts Institute of Technology
Nguyen, Golda	Massachusetts Institute of Technology
Alsultan, Lama	Massachusetts Institute of Technology
Picard, Rosalind W.	MIT Media Lab
Breazeal, Cynthia	MIT
Alghowinem, Sharifa	MIT Media Lab, Prince Sultan University
12:15-12:30	ThBT3.4
<i>An Exploration into the Design of Multi-Session Robot-Mediated Joint Attention Intervention for Young Children with Autism</i> , pp. 1836-1841.	
Nie, Guangtao	Vanderbilt University
Zheng, Zhi	University of Notre Dame
Swanson, Amy	Vanderbilt University
Weitlauf, Amy	Vanderbilt University
Warren, Zachary	Vanderbilt University
Sarkar, Nilanjan	Vanderbilt University
ThBT4	Room T4
Motion Planning and Navigation in Human-Centered Environments IV (Regular Session)	
11:30-11:45	ThBT4.1
<i>Spatio-Temporal Multi-Scale Pedestrian Flow Model by Using Attention Module</i> , pp. 1842-1847.	
Sakurai, Akihiro	University of Tokyo
Yamamoto, Ko	University of Tokyo
11:45-12:00	ThBT4.2
<i>Safe and Efficient Operation of Emotional Support Robots: A Risk-Based Approach with User-Centric Tangent Bug for Blended Control</i> , pp. 1848-1855.	
Saglam, Ahmet	Old Dominion University
Papelis, Yiannis	Old Dominion University
12:00-12:15	ThBT4.3
<i>Joint Potential-Vector Fields for Obstacle-Aware Legible Motion Planning</i> , pp. 1856-1863.	
Ngo, Huy Quyen	Carnegie Mellon University
Steinfeld, Aaron	Carnegie Mellon University
12:15-12:30	ThBT4.4
<i>Identifying and Detecting Inadvertent Socially Inappropriate Movement of Avatar Robots</i> , pp. 1864-1871.	
Abbas, Zulkafil	Kyoto University
Brscic, Drazen	Kyoto University
Kanda, Takayuki	Kyoto University
ThBT5	Room T5
Multimodal Interaction and Conversational Skills II (Regular Session)	
Co-Chair: Cleaver, Andre	Tufts University
11:30-11:45	ThBT5.1
<i>I2EDL: Interactive Instruction Error Detection and Localization</i> , pp. 1872-1877.	
Taioli, Francesco	University of Verona
Rosa, Stefano	Istituto Italiano Di Tecnologia
Castellini, Alberto	Verona University
Natale, Lorenzo	Istituto Italiano Di Tecnologia

Del Bue, Alessio	Istituto Italiano Di Tecnologia
Farinelli, Alessandro	University of Verona
Cristani, Marco	University of Verona
Wang, Yiming	Fondazione Bruno Kessler

11:45-12:00 ThBT5.2

People, Cracks, Stairs, and Doors: Vision-Based Semantic Mapping with a Quadruped Robot Supporting First Responders in Search & Rescue, pp. 1878-1885.

Betta, Zoe	University of Genova
Recchiuto, Carmine Tommaso	University of Genova
Sgorbissa, Antonio	University of Genova

12:00-12:15 ThBT5.3

Enhancing Users' Predictions of Robotic Pouring Behaviors Using Augmented Reality: A Case Study, pp. 1886-1891.

Cleaver, Andre	Tufts University
Aronson, Reuben	Tufts University
Sinapov, Jivko	Tufts University

12:15-12:30 ThBT5.4

MaRMOT: A Modular and Reconfigurable Multiple Object Tracking Framework for Robots and Intelligent Systems, pp. 1892-1898.

Duncan, John Alexander	The University of Texas at Austin
Alambeigi, Farshid	University of Texas at Austin
Pryor, Mitchell	University of Texas

ThBT6 Room T6

Novel Interfaces and Interaction Modalities II (Regular Session)

Chair: Ben-Tzvi, Pinhas	Virginia Tech
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11:30-11:45 ThBT6.1

Gaze-Based Augmented Reality Interfaces to Support Scalable Human-Robot Teaming, pp. 1899-1906.

Petlowany, Christina	The University of Texas at Austin
Pryor, Mitchell	University of Texas
Hahn, Nathan	U.S. Army DEVCOM Army Research Laboratory

11:45-12:00 ThBT6.2

Voice-Controlled Human-Machine Interface for an Assistive Exoskeleton Glove Aiding Patients with Brachial Plexus Injuries, pp. 1907-1913.

Guo, Yunfei	Virginia Tech
Xu, Wenda	Virginia Tech
Bravo, Cesar	Carilion Clinic Institute of Orthopaedics and Neurosciences
Ben-Tzvi, Pinhas	Virginia Tech

12:00-12:15 ThBT6.3

Hardships in the Land of Oz: Robot Control Challenges Faced by HRI Researchers and Real-World Teleoperators, pp. 1914-1921.

Bejarano, Alexandra	Colorado School of Mines
Elbeleidy, Saad	Colorado School of Mines
Mott, Terran	Colorado School of Mines
Negrete-Alamillo, Sebastian	Colorado School of Mines
Armenta, Luis Angel	Colorado School of Mines
Williams, Tom	Colorado School of Mines

12:15-12:30 ThBT6.4

Robust Gesture-Based Appliance Control Via Operator Identification and Tracking, pp. 1922-1928.

Yokota, Masae	Chuo University
Pathak, Sarthak	Chuo University
Umeda, Kazunori	Chuo University

ThCT1		Room T1
Degrees of Autonomy and Teleoperation I (Regular Session)		
14:40-16:10		ThCT1.1
<i>Task Management System for Construction Machinery Using the Open Platform OPERA</i> , pp. 1929-1936.		
Kasahara, Yuichiro		Kyushu University
Itsuka, Tomoya		Kyushu University
Shibata, Koshi		Kyushu University
Kouno, Tomoya		Kyushu University
Maeda, Ryuichi		Kyushu University
Matsumoto, Kohei		Kyushu University
Kimura, Shunsuke		Shimizu Corporation
FUKASE, YUTARO		Shimizu Corporation
Yokoshima, Takashi		Shimizu Corporation
Yamauchi, Genki		Public Works Research Institute
Endo, Daisuke		Public Works Research Institute
Hashimoto, Takeshi		Public Works Research Institute
Kurazume, Ryo		Kyushu University
14:40-16:10		ThCT1.2
<i>Sensorimotor Coordinated Multi-UAV Coverage Path Planning</i> , pp. 1937-1943.		
Liu, Siyuan		Peking University
Fang, Hongyu		Peking University, Beijing, China
Deng, Ziyang		Peking University
Luo, Dingsheng		Peking University
14:40-16:10		ThCT1.3
<i>A Light-Weight and Rapid Table Tennis Ball Trajectory Prediction Approaches towards Online Bouncing Task</i> , pp. 1944-1949.		
Xu, Peisen		Zhejiang University
Li, Gaofeng		Zhejiang University
Ye, Qi		Zhejiang University
Chen, Jiming		Zhejiang University
14:40-16:10		ThCT1.4
<i>The Influence of Autonomy of a Teleoperated Robot on User's Objective and Subjective Performance</i> , pp. 1950-1956.		
Wozniak, Mateusz		Italian Institute of Technology
Ari, Ilkay		Italian Institute of Technology
De Tommaso, Davide		Istituto Italiano Di Tecnologia
Wykowska, Agnieszka		Istituto Italiano Di Tecnologia
14:40-16:10		ThCT1.5
<i>An Evaluation of Affordance Templates for Human-Robot Interaction</i> , pp. 1957-1962.		
Frering, Laurent		Graz University of Technology
Mohr-Ziak, Peter		Graz University of Technology
Könczöl, Clemens		University of Graz
Mosbacher, Jochen		University of Graz
Eder, Matthias		Graz University of Technology
Albert, Dietrich		University of Graz
Kubicek, Bettina		University of Graz
Steinbauer-Wagner, Gerald		Graz University of Technology
14:40-16:10		ThCT1.6
<i>Low-Cost Teleoperation with Haptic Feedback through Vision-Based Tactile Sensors for Rigid and Soft Object Manipulation</i> , pp. 1963-1969.		
Lippi, Martina		University of Roma Tre
Welle, Michael C.		KTH Royal Institute of Technology
Wozniak, Maciej Kazimierz		KTH Royal Institute of Technology
Gasparri, Andrea		Università Degli Studi Roma Tre
Kragic, Danica		KTH

ThCT2		Room T2
HRI and Collaboration in Manufacturing Environments II (Regular Session)		
Chair: Banerjee, Natasha Kholgade		Wright State University
Co-Chair: Bhat, Shreyas		University of Michigan
14:40-16:10		ThCT2.1
<i>Identifying Worker Motion through a Manufacturing Plant: A Finite Automaton Model</i> , pp. 1970-1977.		
Yang, Shaoze		University of Michigan
Bhat, Shreyas		University of Michigan
Yutong, Ren		University of Michigan
Salour, Al		The Boeing Company
Stroup, Terra		The Boeing Company
Pridham, Paul		The University of Michigan
Yang, X. Jessie		University of Michigan
14:40-16:10		ThCT2.2
<i>Analyzing Perceptions on Barriers to Safety in the Workforce and Expectations on Human and Robotic Assistance</i> , pp. 1978-1983.		
Liu, Yu		Clarkson University
Banerjee, Sean		Wright State University
Banerjee, Natasha Kholgade		Wright State University
14:40-16:10		ThCT2.3
<i>A Data-Driven Approach Utilizing Body Motion Data for Trust Evaluation in Industrial Human-Robot Collaboration</i> , pp. 1984-1990.		
Campagna, Giulio		Aalborg University
Dadgostar, Mahed		Aalborg University
Chrysostomou, Dimitrios		Aalborg University
Rehm, Matthias		Aalborg University
14:40-16:10		ThCT2.4
<i>Extended Reality for Enhanced Human-Robot Collaboration: A Human-In-The-Loop Approach</i> , pp. 1991-1998.		
Karpichev, Yehor		University of Victoria
Charter, Todd		University of Victoria
Hong, Jayden		Uvic ACIS Lab
Soufi Enayati, Amir Mehdi		University of Victoria
Honari, Homayoun		University of Victoria
Ghafarian Tamizi, Mehran		University of Victoria
Najjaran, Homayoun		University of Victoria
14:40-16:10		ThCT2.5
<i>SRL-VIC: A Variable Stiffness-Based Safe Reinforcement Learning for Contact-Rich Robotic Tasks*</i> .		
Zhang, Heng		Italian Institute of Technology
Solak, Gokhan		Italian Institute of Technology, Genoa
Giardini Lahr, Gustavo Jose		Hospital Israelita Albert Einstein
Ajoudani, Arash		Istituto Italiano di Tecnologia
14:40-16:10		ThCT2.6
<i>Selecting Source Tasks for Transfer Learning of Human Preferences</i> , N/A		
Nemlekar, Heramb		Virginia Tech
Sivagnanadasan, Naren		University of Southern California
Banga, Subham		University of Southern California
Dhanaraj, Neel		University of Southern California
Gupta, Satyandra K.		University of Southern California
Nikolaidis, Stefanos		University of Southern California
ThCT3		Room T3
Robot Companions and Social Robots I (Regular Session)		
Co-Chair: Liang, Nan		University of Toronto
14:40-16:10		ThCT3.1

Exploring the Impact of Confirmation and Interaction During Human-Robot Collaboration with a Proactive Robot Assistant, pp. 2007-2014.

Smith, Ronnie Heriot-Watt University
Dragone, Mauro Heriot-Watt University

14:40-16:10 ThCT3.2

Data Augmentation for 3DMM-Based Arousal-Valence Prediction for HRI, pp. 2015-2022.

Arzate Cruz, Christian Honda Research Institute Japan
Sechayk, Yotam The University of Tokyo
Igarashi, Takeo The University of Tokyo
Gomez, Randy Honda Research Institute Japan Co., Ltd

14:40-16:10 ThCT3.3

Who Should Speak? Voice Cue Design for a Mobile Robot Riding in a Smart Elevator, pp. 2023-2028.

Shiomi, Masahiro ATR
Kakio, Masayuki Mitsubishi Electric Corporation
Miyashita, Takahiro ATR

14:40-16:10 ThCT3.4

How Robots Influence Human Perception: Investigating the Role of Body Language and Music in Emotion Perception for Social HRI, pp. 2029-2036.

Liang, Nan University of Toronto
Nejat, Goldie University of Toronto

14:40-16:10 ThCT3.5

Enhancing Human Perception of Direct Gaze from a Social Robot through Eye-Head Coordination, pp. 2037-2043.

Fang, Yu Honda Research Institute Japan Co., Ltd
Perez-Moleron, Jose Manuel Universidad Pablo De Olavide
Merino, Luis Universidad Pablo De Olavide
Gomez, Randy Honda Research Institute Japan Co., Ltd

14:40-16:10 ThCT3.6

Can You Fill Me? a Coffee Machine with Robotic Behavior That Promotes Prosocial Behavior, pp. 2044-2050.

Gery, Adi Media Innovation Lab, Reichman University
Weizman, Chen Media Innovation Lab, Reichman University
Klipshtein, Guy Media Innovation Lab, Reichman University
Megidish, Benny Media Innovation Lab, the Interdisciplinary Center (IDC) Herzliya
Erel, Hadas Media Innovation Lab, Interdisciplinary Center Herzliya

ThCT4 Room T4

Social Intelligence for Robots I (Regular Session)

Co-Chair: Limprayoon, Jirachaya "Fern" Yale University

14:40-16:10 ThCT4.1

Should I Help?: A Skill-Based Framework for Deciding Socially Appropriate Assistance in Human-Robot Interactions, pp. 2051-2058.

Ramnauth, Rebecca Yale University
Brscic, Drazen Kyoto University
Scassellati, Brian Yale

14:40-16:10 ThCT4.2

Social Space Segmentation for Approaching Tasks, pp. 2059-2065.

Silva, Aline Fernanda Furtado Universidade Federal De Minas Gerais - Ufmg
G. Macharet, Douglas Universidade Federal De Minas Gerais

14:40-16:10 ThCT4.3

The Effects of a Gossiping Robot on Team Cohesion, pp. 2066-2071.

Limprayoon, Jirachaya "Fern" Yale University
Georgiou, Nicholas C. Yale University
Ua-arak, Natnaree "Proud" Yale University
Scassellati, Brian Yale

14:40-16:10	ThCT4.4
<i>"Bad Idea, Right?" Exploring Anticipatory Human Reactions for Outcome Prediction in HRI</i> , pp. 2072-2078.	
Parreira, Maria Teresa	Cornell University
Gowdru Lingaraju, Sukruth	Cornell University, Cornell Tech
Ramirez-Artistizabal, Adolfo	Accenture
Bremers, Alexandra	Cornell Tech
Saha, Manaswi	Accenture Labs
Kuniavsky, Michael	Accenture
Ju, Wendy	Cornell Tech
14:40-16:10	ThCT4.5
<i>Where Can I Park My Robot? Modeling Out-Of-The-Way Parking Spots in the Home Using Room Geometry</i> , pp. 2079-2086.	
Glas, Dylan F.	Amazon
Smart, William	Oregon State University
14:40-16:10	ThCT4.6
<i>Let's Move On: Topic Change in Robot-Facilitated Group Discussions</i> , pp. 2087-2094.	
Hadjiantonis, Georgios	KTH Royal Institute of Technology
Gillet, Sarah	KTH Royal Institute of Technology
Vázquez, Marynel	Yale University
Leite, Iolanda	KTH Royal Institute of Technology
Dogan, Fethiye Irmak	University of Cambridge
ThCT5	Room T5
Storytelling in HRI (Regular Session)	
14:40-16:10	ThCT5.1
<i>Degrees of Freedom: A Storytelling Game That Supports Technology Literacy about Social Robots</i> , pp. 2095-2102.	
Mott, Terran	Colorado School of Mines
Higger, Mark	Colorado School of Mines
Bejarano, Alexandra	Colorado School of Mines
Williams, Tom	Colorado School of Mines
14:40-16:10	ThCT5.2
<i>A Robot to Guide Group-Therapy against Cognitive Decline: An Italian Pilot Study</i> , pp. 2103-2108.	
Amabili, Giulio	IRCCS INRCA
Maranesi, Elvira	IRCCS INRCA
Felici, Elisa	Scientific Direction, IRCCS INRCA, Ancona
Margaritini, Arianna	Scientific Direction, IRCCS INRCA, Ancona
Barbarossa, Federico	Scientific Direction, IRCCS INRCA, Ancona
Marin, Andrei Iulian	SC IRIS ROBOTICS SRL, Iasi,
Anghel, Ionut Manuel	Technical University of Cluj-Napoca, Cluj-Napoca
Bevilacqua, Roberta	Scientific Direction, IRCCS INRCA, Ancona
14:40-16:10	ThCT5.3
<i>AI-Enhanced Social Robots for Older Adults Care: Evaluating the Efficacy of ChatGPT-Powered Storytelling in the EBO Platform</i> , pp. 2109-2116.	
Blanco, Antonio	Universidad De Extremadura
Pérez-González, Gerardo	Universidad De Extremadura
Condón, Alicia	Universidad De Extremadura
Rodríguez-Domínguez, Trinidad	Universidad De Extremadura
Núñez, Pedro	University of Extremadura
14:40-16:10	ThCT5.4
<i>Bound to the Lights - Storytelling with a Physically Embodied and a Virtual Robot Using Emotionally Adapted Lights</i> , pp. 2117-2124.	
Steinhaeusser, Sophia C.	University of Würzburg
Ganal, Elisabeth	University of Würzburg
Yalcin, Murat	University of Würzburg
Latoschik, Marc	University of Würzburg

Lugrin, Birgit	University of Wuerzburg
14:40-16:10	ThCT5.5
<i>Teachers, Take Care of the Essential. the Rest Is Story: Using LLM and Social Robots for Content Approaching by Storytelling</i> , pp. 2125-2130.	
Tozadore, Daniel	École Polytechnique Fédérale De Lausanne (EPFL)
Rusu, Anne-Marie	EPFL
14:40-16:10	ThCT5.6
<i>What a Laugh! - Effects of Voice and Laughter on a Social Robot's Humorous Appeal and Recipients' Transportation and Emotions in Humorous Robotic Storytelling</i> , pp. 2131-2138.	
Steinhaeuser, Sophia C.	University of Würzburg
Knauer, Lara	University of Wuerzburg
Lugrin, Birgit	University of Wuerzburg
ThCT6	Room T6
Creating Human-Robot Relationships II (Regular Session)	
Co-Chair: Dobrosovstnova, Anna	TU Wien
14:40-16:10	ThCT6.1
<i>Identity and Community Matter(s): Exploring Sociocultural Dimensions of Functional Service Robots Acceptance in Public Spaces</i> , pp. 2139-2146.	
Dobrosovstnova, Anna	TU Wien
Weiss, Astrid	TU Wien
Vetter, Ralf	University of Salzburg, Human-Computer Interaction Division
14:40-16:10	ThCT6.2
<i>The Lifecycle of Social Robots: Obsolescence and Values in Repair</i> , pp. 2147-2154.	
Kamino, Waki	Cornell University
Sabanovic, Selma	Indiana University Bloomington
Jung, Malte	Cornell University
14:40-16:10	ThCT6.3
<i>Robot Laughter: Does an Appropriate Laugh Facilitate the Robot's Humor Performance?</i> , pp. 2155-2161.	
Zhang, Heng	ENSTA Paris, Institut Polytechnique De Paris
Hei, Xiaoxuan	ENSTA Paris, Institut Polytechnique De Paris
Zhong, Junpei	The Hong Kong Polytechnic University
Tapus, Adriana	ENSTA Paris, Institut Polytechnique De Paris
14:40-16:10	ThCT6.4
<i>Seeing Eye to Eye with Robots: An Experimental Study Predicting Trust in Social Robots for Domestic Use</i> , pp. 2162-2168.	
Fischer, Katrin	University of Southern California
Velentza, Anna Maria	University of Macedonia
Lucas, Gale	University of Southern California
Williams, Dmitri	University of Southern California
14:40-16:10	ThCT6.5
<i>Connecting the Dots: Advancing the Understanding of Group-Robot Interactions in Public Spaces through Ego Network Analysis</i> , pp. 2169-2174.	
Müller, Ana	University of Applied Sciences Cologne
Richert, Anja	University of Applied Sciences Cologne
14:40-16:10	ThCT6.6
<i>Building Intelligent and Intelligible AI: A Framework for Human-Like Autonomy and Explainability in Critical Infrastructure</i> , pp. 2175-2181.	
Vemula, Srikanth	CSBSJU
DuFresne-To, Kainen	CSBSJU
ThDT1	Room T1
Degrees of Autonomy and Teleoperation II (Regular Session)	
Co-Chair: Ohya, Jun	Waseda University

16:20-16:35	ThDT1.1
<i>Robot, Take the Joystick: Understanding Space Robotics Experts' Views on Autonomy</i> , pp. 2182-2188.	
Smith, Cailyn	Colorado School of Mines
Mott, Terran	Colorado School of Mines
Williams, Tom	Colorado School of Mines
16:35-16:50	ThDT1.2
<i>Locating the Fruit to Be Harvested and Estimating Cut Positions from RGBD Images Acquired by a Camera Moved Along Fixed Paths Using a Mask-R-CNN Based Method</i> , pp. 2189-2196.	
Zhao, Wentao	Waseda University
Otani, Takuya	Shibaura Institute of Technology
Sugiyama, Soma	Waseda University
Mitani, Kento	Waseda University
Masaya, Koki	Waseda University
Takanishi, Atsuo	Waseda University
Aotake, Shuntaro	Waseda University
Funabashi, Masatoshi	SonyCSL
Ohya, Jun	Waseda University
16:50-17:05	ThDT1.3
<i>Comparing a 2D Keyboard and Mouse Interface to Virtual Reality for Human-In-The-Loop Robot Planning for Mobile Manipulation</i> , pp. 2197-2203.	
LeMasurier, Gregory	University of Massachusetts Lowell
Tukpah, James	Northeastern University
Wonsick, Murphy	Boston Dynamics AI Institute
Allspaw, Jordan	University of Massachusetts Lowell
Hertel, Brendan	University of Massachusetts Lowell
Epstein, Jacob	University of Massachusetts Amherst
Azadeh, Reza	University of Massachusetts Lowell
Padir, Taskin	Northeastern University
Yanco, Holly	UMass Lowell
Phillips, Elizabeth	George Mason University
17:05-17:20	ThDT1.4
<i>Point, Segment, and Inspect: Leveraging Promptable Segmentation Models for Semi-Autonomous Aerial Inspection</i> , pp. 2204-2211.	
Franceschini, Riccardo	Eurecat, Centre Tecnològic De Catalunya, 08290 Cerdanyola Del Va
Rodriguez, Javier	Eurecat
Fumagalli, Matteo	Danish Technical University
Cayero, Julian	Eurecat
ThDT2	Room T2
Sound Design for Robots (Regular Session)	
Co-Chair: Kuch, Johanna Magdalena	Augsburg University
16:20-16:35	ThDT2.1
<i>An On-Device Robust Sound Recognition System for Real-Time Context Awareness of Robots</i> , pp. 2212-2218.	
Song, Ju-man	LGE
kim, changmin	Lg Electronics
Son, Jungkwan	LGE
16:35-16:50	ThDT2.2
<i>Evaluating Gender Ambiguity, Novelty and Anthropomorphism in Humming and Talking Voices for Robots</i> , pp. 2219-2225.	
Kuch, Johanna Magdalena	Augsburg University
Nasir, Jauwairia	University of Augsburg
Mertes, Silvan	University of Augsburg
Schlagowski, Ruben	Universität Augsburg
Becker-Asano, Christian	Stuttgart Media University
Andre, Elisabeth	Augsburg University

16:50-17:05		ThDT2.3
<i>Vocalics in Human-Drone Interaction</i> , pp. 2226-2232.		
Lieser, Marc	RheinMain University of Applied Sciences	
Schwanecke, Ulrich	RheinMain University of Applied Sciences	
17:05-17:20		ThDT2.4
<i>Sound Matters: Auditory Detectability of Mobile Robots</i> , pp. 2233-2239.		
Agrawal, Subham	University of Bonn	
Wessels, Marlene	Johannes Gutenberg-University Mainz	
de Heuvel, Jorge	University of Bonn	
Kraus, Johannes	Ulm University, Dept. Human Factors	
Bennewitz, Maren	University of Bonn	
ThDT3		Room T3
Robot Companions and Social Robots II (Regular Session)		
16:20-16:35		ThDT3.1
<i>Excuse Me, May I Disturb You? the Influence of Politeness of a Social Robot on the Perception of Interruptions</i> , pp. 2240-2247.		
Ganal, Elisabeth	University of Würzburg	
Habenicht, Michelle	University of Wuerzburg	
Lugrin, Birgit	University of Wuerzburg	
16:35-16:50		ThDT3.2
<i>Patbot: Designing a Social Robot to Reduce Anxiety in Waiting Environments</i> , pp. 2248-2255.		
Kong, Zhilei	Southern University of Science and Technology	
Lupetti, Maria Luce	Politecnico Di Torino	
Chen, Baihui	Southern University of Science and Technology	
Li, Xueliang	Southern University of Science and Technology	
16:50-17:05		ThDT3.3
<i>Exploring the Potential of Wheel-Based Mobile Motion As an Emotional Expression Modality</i> , pp. 2256-2263.		
Lee, Jiyeon	Ulsan National Institute of Science and Technology	
Park, Haeun	Ulsan National Institute of Science and Technology	
Lee, Hui Sung	UNIST (Ulsan National Institute of Science and Technology)	
17:05-17:20		ThDT3.4
<i>Walking Your Robot Dog: Experiences and Lessons Learned</i> , pp. 2264-2271.		
Ahmed, Eshtiak	Tampere University	
Genç, Çağlar	Tampere University	
Spors, Velvet	Tampere University	
Hamari, Juho	Tampere University	
'Oz' Buruk, Oğuz	Tampere University	
ThDT4		Room T4
Social Intelligence for Robots II (Regular Session)		
Chair: Recchiuto, Carmine Tommaso	University of Genova	
Co-Chair: Kim, Joanne Taery	Georgia Institute of Technology	
16:20-16:35		ThDT4.1
<i>Modeling Social Interaction Dynamics Using Temporal Graph Networks</i> , pp. 2272-2278.		
Kim, Joanne Taery	Georgia Institute of Technology	
Naik, Archit	Honda Research Institute Japan	
Jayarathne, Isuru	Honda Research Institute Japan	
Ha, Sehoon	Georgia Institute of Technology	
Chew, Jouh Yeong	Honda Research Institute Japan	
16:35-16:50		ThDT4.2
<i>Shielding for Socially Appropriate Robot Listening Behaviors</i> , pp. 2279-2286.		
Gillet, Sarah	KTH Royal Institute of Technology	

Marta, Daniel	KTH Royal Institute of Technology
Akif, Mohammed	KTH Royal Institute of Technology
Leite, Iolanda	KTH Royal Institute of Technology

16:50-17:05 ThDT4.3

Enhancing LLM-Based Human-Robot Interaction with Nuances for Diversity Awareness, pp. 2287-2294.

Grassi, Lucrezia	University of Genova
Recchiuto, Carmine Tommaso	University of Genova
Sgorbissa, Antonio	University of Genova

17:05-17:20 ThDT4.4

What Am I? Evaluating the Effect of Language Fluency and Task Competency on the Perception of a Social Robot, pp. 2295-2302.

Ali, Shahira	University of Virginia
Green, Haley N.	University of Virginia
Iqbal, Tariq	University of Virginia

ThDT5	Room T5
Multimodal Sensing, Learning, and Control for Robots in Human-Robot Collaborative Contexts (Special Session)	

16:20-16:35 ThDT5.1

A Modular Framework for Flexible Planning in Human-Robot Collaboration (I), pp. 2303-2310.

Belcamino, Valerio	Università Degli Studi Di Genova
Kilina, Mariya	University of Genoa
Lastrico, Linda	Italian Institute of Technology
Carfi, Alessandro	University of Genoa
Mastrogiovanni, Fulvio	University of Genoa

16:35-16:50 ThDT5.2

How Is the Pilot Doing: VTOL Pilot Workload Estimation by Multimodal Machine Learning on Psycho-Physiological Signals (I), pp. 2311-2318.

Park, Jong Hoon	Carnegie Mellon University
Chen, Lawrence	Carnegie Mellon University
Higgins, Ian	Carnegie Mellon University
Zheng, Zhaobo	Honda Research Institute USA, Inc
Mehrotra, Shashank	Honda Research Institute USA, Inc
Salubre, Kevin	Honda Research Institute
Mousaei, Mohammadreza	Carnegie Mellon University
Willits, Steven	Carnegie Mellon University
Levedahl, Blaine	Olis Robotics
Buker, Timothy	Honda Research Institute USA, Inc
Xing, Eliot	Carnegie Mellon University
Misu, Teruhisa	Honda Research Institute USA, Inc
Scherer, Sebastian	Carnegie Mellon University
Oh, Jean	Carnegie Mellon University

16:50-17:05 ThDT5.3

Generating and Evaluating Synthetic Data in Virtual Reality Simulation Environments for Pose Estimation (I), pp. 2319-2326.

Sabbella, Sandeep Reddy	Sapienza University of Rome
Serrarens, Pascal	PaleBlue
Leotta, Francesco	Sapienza Università Di Roma
Nardi, Daniele	Sapienza University of Rome

17:05-17:20 ThDT5.4

A Speech and Facial Information Based Emotion Recognition System of Collaborative Robot for Empathic Human-Robot Collaboration (I), pp. 2327-2332.

Loor, Jianna	Montclair State University
Murphy, Jordan	Montclair State University
Li, Rui	Montclair State University

ThDT6		Room T6
Innovative Robot Designs (Regular Session)		
Co-Chair: Sharma, Manoj		Santa Clara University
16:20-16:35		ThDT6.1
<i>R-R Manipulator Using Variable-Stiff Joints for Safe Human-Robot-Interaction</i> , pp. 2333-2338.		
Sharma, Manoj Kumar		Santa Clara University
Kitts, Christopher		Santa Clara University
16:35-16:50		ThDT6.2
<i>Fusing Components for an Attentive and Emotionally Expressive Companion Robot: Meet ZENIT</i> , pp. 2339-2346.		
Purps, Christian Felix		Karlsruhe University of Applied Sciences
Wölfel, Matthias		Karlsruhe University of Applied Sciences
16:50-17:05		ThDT6.3
<i>A Rapid and Robust Tendon-Driven Robotic Hand for Human-Robot Interactions Playing Rock-Paper-Scissors</i> , pp. 2347-2354.		
Deng, Xiang		ETH Zurich
Weirich, Stefan		ETH Zurich
Katzschmann, Robert Kevin		ETH Zurich
Delbruck, Tobi		Univ. of Zurich & ETH Zurich
17:05-17:20		ThDT6.4
<i>Sacred or Uncanny? Exploring Visitors' Reaction to a Robotic Saint in Exhibition</i> , pp. 2355-2360.		
León Coral, Rafael Felipe		Pontificia Universidad Catolica Del Peru
Kumar, Ujwal		Shibaura Institute of Technology
Battaglia, Antonio		University of Messina
Lam, Vu Hoai		Ha Noi University of Science and Technology
Tong Van, Sinh		Ha Noi University of Science and Technology
Wu, Kam Long		University of Sao Paulo
Pariasca, Franco		Pontificia Universidad Catolica Del Peru
Trovato, Gabriele		Shibaura Institute of Technology