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In this session, we invite local K-12 students that are young future researchers in HRI to come present their robots and work in a poster/demonstration format. We encourage all our RO-MAN conference attendees to come and interact with the next generation HRI researchers.	

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In this session, we invite local K-12 students that are young future researchers in HRI to come present their robots and work in a poster/demonstration format. We encourage all our RO-MAN conference attendees to come and interact with the next generation HRI researchers.

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Chandimal Jayawardena	Unitec Inst. of Tech.
13:48-14:00	TuB2.5
<i>Real-Time Placement of a Wheelchair-Mounted Robotic Arm.....</i> 1032	
Pooya Abolghasemi	Univ. of Central Florida
Rouhollah Rahmatizadeh	Univ. of Central Florida
Aman Behal	Univ. of Central Florida
Ladislau Boloni	Univ. of Central Florida
14:00-14:12	TuB2.6
<i>Toward a Robotic Attendant Adaptively Behaving According to Human State.....</i> 1038	
Shuji Oishi	Toyohashi Univ. of Tech.
Yoshiki Kohari	Toyohashi Univ. of Tech.
Jun Miura	Toyohashi Univ. of Tech.

TuB3 13:00-14:15 Milbank Chapel
Perceptions of and Responses to Robots
(Regular Session)

Chair: Selma Sabanovic	Indiana Univ.
13:00-13:12	TuB3.1
<i>Assessment of Robot to Human Instruction Conveyance Modalities across Virtual, Remote</i>	

<i>and Physical Robot Presence.....1044</i>		
Paul Robinette	Georgia Inst. of Tech.	
Alan Richard Wagner	Georgia Inst. of Tech.	
Ayanna Howard	Georgia Inst. of Tech.	
13:12-13:24		TuB3.2
<i>Feeling Green: Empathy Affects Perceptions of Usefulness and Intention to Use a Robotic Recycling Bin.....1051</i>		
Haodan Tan	Indiana Univ.	
Liping Sun	Indiana Univ.	
Selma Sabanovic	Indiana Univ.	
13:24-13:36		TuB3.3
<i>Prior Behavior Impacts Human Mimicry of Robots.....1057</i>		
Apurv Suman	Yale Univ.	
Rebecca Marvin	Yale Univ.	
Elena Corina Grigore	Yale Univ.	
Henny Admoni	Carnegie Mellon Univ.	
Brian Scassellati	Yale Univ.	
13:36-13:48		TuB3.4
<i>The Influence of a Peripheral Social Robot on Self-Disclosure.....1063</i>		
Michael Pettinati	Georgia Inst. of Tech.	
Ronald Arkin	Georgia Inst. of Tech.	
Jaeun Shim	Georgia Inst. of Tech.	
13:48-14:00		TuB3.5
<i>Too Big to Be Mistreated? Examining the Role of Robot Size on Perceptions of Mistreatment.....1071</i>		
Houston Lucas	Univ. of Nevada, Reno	
Jamie Poston	Univ. of Nevada, Reno	
Nathan Yocum	Univ. of Nevada, Reno	
Zachary Carlson	Univ. of Nevada, Reno	
David Feil-Seifer	Univ. of Nevada, Reno	
14:00-14:12		TuB3.6
<i>What are People's Associations of Domestic Robots?: Comparing Implicit and Explicit Measures.....1077</i>		
Maartje M. A. de Graaf	Univ. of Twente	
Somaya Ben Allouch	Saxion Univ.	
Shariff Lutfi	Univ. of Twente	

TuC1 16:00-17:15		Horace Mann 138
Modeling Humans (Regular Session)		
Chair: Dana Kulic		Univ. of Waterloo
16:00-16:12		TuC1.1
<i>A Multi-View Hand Gesture RGB-D Dataset for Human-Robot Interaction Scenarios.....1084</i>		
Dadhichi Shukla		Univ. of Innsbruck
Ozgur Erkent		Univ. of Innsbruck
Justus Piater		Univ. of Innsbruck
16:12-16:24		TuC1.2
<i>Embodied Gesture Learning from One-Shot.....1092</i>		
Maria Eugenia Cabrera		Univ. Simon Bolivar, Purdue Univ.
Juan Wachs		Purdue Univ.
16:24-16:36		TuC1.3
<i>Grasp Taxonomy Based on Force Distribution.....1098</i>		
Bahareh Abbasi		Univ. of Illinois at Chicago
Ehsan Noohi		Univ. of Illinois at Chicago
Sina Parastegari		Univ. of Illinois at Chicago
Milos Zefran		Univ. of Illinois at Chicago
16:36-16:48		TuC1.4
<i>Modeling the Dynamics of Individual Behaviors for Group Detection in Crowds Using Low-Level Features.....1104</i>		
Omar Adair Islas Ramirez		Univ. Pierre et Marie Curie
Giovanna Varni		Univ. Pierre et Marie Curie
Mihai Andries		Univ. Pierre et Marie Curie
Raja Chatila		Univ. Pierre et Marie Curie
Mohamed Chetouani		Univ. Pierre et Marie Curie
16:48-17:00		TuC1.5
<i>Person Tracking and Gesture Recognition in Challenging Visibility Conditions Using 3D Thermal Sensing.....1112</i>		
Ariel Kapusta		Georgia Inst. of Tech.
Patrick Beeson		TRAC Labs Inc.
17:00-17:12		TuC1.6
<i>Real-Time Human Detection for Robots Using CNN with a Feature-Based Layered Pre-Filter.....1120</i>		
Eric Martinson		Toyota InfoTechnology Center
Ganesh Yalla		Toyota InfoTechnology Center

TuC2 16:00-17:15		Horace Mann 150
Healthcare Robots (Regular Session)		
Chair: Manuel Giuliani		Univ. of Salzburg
16:00-16:12		TuC2.1
<i>A Learning from Demonstration Framework to Promote Home-based Neuromotor Rehabilitation.....1126</i>		
Yuanliang Meng	Univ. of Massachusetts Lowell	
Christopher Munroe	Univ. of Massachusetts Lowell	
Yi-Ning Wu	Univ. of Massachusetts Lowell	
Momotaz Begum	Univ. of Massachusetts Lowell	
16:12-16:24		TuC2.2
<i>A Novel RCM Mechanism Using Pneumatically Driven Flexible Joint for Laparoscopic Forceps Holder.....1132</i>		
Sho Yoshida	Tokyo Medical and Dental Univ.	
Takahiro Kanno	Tokyo Medical and Dental Univ.	
Kenji Kawashima	Tokyo Medical and Dental Univ.	
16:24-16:36		TuC2.3
<i>Computational Architecture of a Robot Coach for Physical Exercises in Kinesthetic Rehabilitation.....1138</i>		
Sao Mai Nguyen	INRIA	
Philippe Tanguy	Telecom Bretagne	
Olivier Remy-Neris	CHU Brest	
16:36-16:48		TuC2.4
<i>Personalizing Object Handover with an Electronic Health Record.....1144</i>		
Eric Martinson	Toyota InfoTechnology Center	
Aaron Blasdel	Tokyo University	
Emrah Akin Sisbot	Toyota InfoTechnology Center	
16:48-17:00		TuC2.5
<i>User Perceptions of Soft Robot Arms and Fingers for Healthcare.....1150</i>		
Dong Hyun Kim	Univ. of Auckland	
Bruce MacDonald	Univ. of Auckland	

Andrew McDaid	Univ. of Auckland
Sadao Kawamura	Ritsumeikan Univ.
Hyejong Kim	Ritsumeikan Univ.
Elliot Thompson Bean	Univ. of Auckland
Forest Fraser	Univ. of Auckland
Elizabeth Broadbent	Univ. of Auckland
17:00-17:12	TuC2.6
<i>User Requirements for a Medical Robotic System: Enabling Doctors to Remotely Conduct Ultrasonography and Physical Examination.....1156</i>	
Gerald Stollnberger	Univ. of Salzburg
Moser Christiane	Univ. of Salzburg
Manuel Giuliani	Univ. of Salzburg
Susanne Stadler	Univ. of Salzburg
Manfred Tscheligi	Univ. of Salzburg
Dorota Szczesniak-Stanczyk	Medical Univ. of Lublin
Bartlomiej Stanczyk	ACCREA

TuC3: 16:00-17:15		Milbank Chapel
Cognitive Interaction Design		
(Special Session)		
Chair: Kazunori Terada		Gifu Univ.
Co-Chair: Seiji Yamada		Nat'l Inst. of Informatics
16:00-16:12		TuC3.1
<i>The Effects of Chaos Characteristic and Periodicity of Luminance Change on Animacy Perception.....1162</i>		
Taiki Inaba		Gifu Univ.
Kazunori Terada		Gifu Univ.
Hidekazu Fukai		Gifu Univ.
16:12-16:24		TuC3.2
<i>How Do People Judge Moral Wrongness in a Robot and in Its Designers and Owners Regarding the Consequences of the Robot's Behaviors?.....1168</i>		
Takanori Komatsu		Meiji Univ.
16:24-16:36		TuC3.3
<i>Emotional Contagion between User and Product Recommendation Virtual Agent.....1172</i>		
Tetsuya Matsui	Nat'l Inst. of Informatics	
Seiji Yamada	Nat'l Inst. of Informatics	
16:36-16:48		TuC3.4
<i>A Study on Controlling Method for an Autonomous Personal Vehicle Based on User's</i>		

Heart Rate Variability.....1177

Taichi Sono	Keio Univ.
Hasegawa, Komei	Keio Univ.
Kazuhiko Shinozawa	ATR
Michita Imai	Keio Univ.

16:48-17:00	TuC3.5
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Initial Phase of Agency Identification in Embodied Interaction with Unknown Robot.....1183

Takafumi Sakamoto	Shizuoka Univ.
Yugo Takeuchi	Shizuoka Univ.

17:00-17:12	TuC3.6
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Emergence of Joint Attention between Two Robots and Human Using Communication Activity Caused by Synchronous Behaviors.....1187

Tetsuo Ono	Hokkaido Univ.
Takashi Ichijo	Hokkaido Univ.
Nagisa Munekata	Hokkaido Univ.

SuIDVS: 17:10-18:30		Everett Lounge
TuIVS: 10:30-11:45		
Video Session		
SuIDVS.01, TuIVS.34		
<i>Intuitive Human-Robot Interaction and Collaboration: A Gesture-Based Approach.....N/A</i>		
Miguel Simão	Univ. of Coimbra	
Pedro Neto	Univ. of Coimbra	
Olivier Gibaru	Arts et Métiers ParisTech	
SuIDVS.02, TuIVS.35		
<i>A Robotic Home Assistant with Memory Aid Functionality.....N/A</i>		
Iris Wieser	Univ. of Hamburg	
Sibel Toprak	Univ. of Hamburg	
Andreas Grenzing	Univ. of Hamburg	
Tobias Hinz	Univ. of Hamburg	
Sayantan Auddy	Univ. of Hamburg	
Ethem Can Karaoguz	Univ. of Hamburg	
Abhilash Chandran	Univ. of Hamburg	
Melanie Remmels	Univ. of Hamburg	
Ahmed El Shinawi	Univ. of Hamburg	
Josip Josifovski	Univ. of Hamburg	
Leena Chennuru Vankadara	Univ. of Hamburg	
Faiz Ul Wahab	Univ. of Hamburg	
Alireza Mollaalizadeh	Univ. of Hamburg	
Bahnemiri		
Debasish Sahu	Univ. of Hamburg	
Stefan Heinrich	Univ. of Hamburg	
Nicolás Navarro-Guerrero	Univ. of Hamburg	
Erik Strahl	Univ. of Hamburg	
Johannes Twiefel	Univ. of Hamburg	
Stefan Wermter	Univ. of Hamburg	
SuIDVS.03, TuIVS.36		
<i>Neurophysiological Indices of Human-Robot Interactions Synched with FUSE Technology and Real Time Video.....N/A</i>		
Stephanie Smith	Adv. Brain Monitoring	
Mike Storm	Neurons Inc.	
Josh Miller	Adv. Brain Monitoring	
Cole Tran	Adv. Brain Monitoring	
Amanda Manna	Lowe's Innovation Labs	
Thavidu Ranatunga	Fellow Robots	
Thomas Ramsoy	Neurons Inc.	
Chris Berka	Adv. Brain Monitoring	

SuIDVS.04, TuIVS.37	
<i>Multimodal Interaction with Multiple Co-Located Drones in Search and Rescue Missions.....N/A</i>	
Jonathan Cacace	Univ. of Naples
Alberto Finzi	Univ. of Naples
Vincenzo Lippiello	Univ. of Naples
SuIDVS.05, TuIVS.38	
<i>Design and Evaluation of CAESAR: A 3D-Printed Expressive Robot.....N/A</i>	
Jared Frank	NYU Tandon School of Eng.
Matthew Moorhead	NYU Tandon School of Eng.
Vikram Kapila	NYU Tandon School of Eng.

SuIDVS: 17:10-18:30		Everett Lounge
Demonstration Session		
SuIDVS.06		
<i>Interactive Demo of the SOPHIA Project: Combining Soft Robotics and Brain-Machine Interfaces for Stroke Rehabilitation.....N/A</i>		
Alistair McConnell	Heriot-Watt Univ.	
Adam A. Stokes	Edinburgh Univ.	
Renan C. Moioli	Santos Dumont Inst.	
Fabricio L. Brasil	Santos Dumont Inst.	
David Corne	Heriot-Watt Univ.	
Marta Vallejo	Heriot-Watt Univ.	
Patricia A. Vargas	Heriot-Watt Univ.	
SuIDVS.07		
<i>Utilizing Bluetooth Low Energy for Human-Robot Interaction.....N/A</i>		
Scheunemann Marcus	Univ. of Hertfordshire	
Kerstin Dautenhahn	Univ. of Hertfordshire	
Maha Salem	Univ. of Hertfordshire	
Ben Robins	Univ. of Hertfordshire	

SuIDVS: 17:10-18:30	Everett Lounge
Interactive Session	
Please keep ALL posters up the entire time from 17:10-18:30. Beyond their assigned timeframe, authors may see other poster presentations.	
All Odd Number Poster IDs: Presenting author must be present at their poster during 17:10-17:50.	
All Even Number Poster ID: Presenting author must be present at their poster during 17:50-18:30.	
SuIDVS.09	17:10-17:50
<i>Co-Design of the PAL Robot and Avatar That Perform Joint Activities with Children for Improved Diabetes Self-Management.....N/A</i>	
Olivier A. Blanson	TNO
Henkemans	
Mark Neerincx	TNO
Elettra Oleari	Fondazione Centro San Raffaele
Clara Pozzi	Fondazione Centro San Raffaele
Sylvia van der Pal	TNO
Francesca Sacchitelli	San Raffaele Hospital
Francesco Sardu	Fondazione Centro San Raffaele
Roosmarijn A. van Dam	TNO
Jet Shin Hong	TNO
SuIDVS.10	17:50-18:30
<i>IOmi: A Humanoid Robot Hostess Made through an Industrial Design Methodology.....N/A</i>	
Eiji Onchi	Pontificia Univ. Catolica del Peru
César Lucho	Pontificia Univ. Catolica del Peru
Michel Sigüenza	Pontificia Univ. Catolica del Peru
Gabriele Trovato	Waseda Univ.
Francisco Cuellar	Pontificia Univ. Catolica del Peru
SuIDVS.11	17:10-17:50
<i>WATCH-I: Towards the Design of Security Companions for Security Guards.....N/A</i>	

César Lucho	Pontificia Univ. Catolica del Peru
Valeria Macalupú	Pontificia Univ. Catolica del Peru
SuIDVS.12	17:50-18:30
<i>Development of the Left and Right Arm for an Assistive Robot and Controlled Using LabVIEW.....N/A</i>	
Sudeep Sharan	Frankfurt Univ. of Applied Sciences
Ruslan Schafner	Frankfurt Univ. of Applied Sciences
Ketul Patel	TKI GmbH
Robert Michalik	Frankfurt Univ. of Applied Sciences
Julian Umansky	Frankfurt Univ. of Applied Sciences
Peter Nauth	Frankfurt Univ. of Applied Sciences
SuIDVS.13	17:10-17:50
<i>Person Re-Identification in a Person-Following Robot.....N/A</i>	
Youngwoo Yoon	ETRI
Hosub Yoon	ETRI
Jaehong Kim	ETRI
SuIDVS.14	17:50-18:30
<i>A Remote Navigation Method with Network Delay for Low-Cost Mobile Robots.....N/A</i>	
Yuka Kato	Tokyo Woman's Christian Univ.
Mamiko Tanaka	Tokyo Woman's Christian Univ.
SuIDVS.15	17:10-17:50
<i>User-Adaptive Fall Detection for Patient Using Wristband Accelerometer.....N/A</i>	
Young-Hoon Nho	KAIST
Dong-Soo Kwon	KAIST
SuIDVS.16	17:50-18:30
<i>Design of a Novel Variable Stiffness Gripper.....N/A</i>	
Amirhossein H. Memar	Univ. at Buffalo, SUNY
Ehsan Esfahan	Univ. at Buffalo, SUNY
SuIDVS.17	17:10-17:50
<i>RoboThespian As an Elementary Science TeacherN/A</i>	
Igor Verner	Technion

Alex Polishuk	Technion
Niv Krayner	Technion
SuIDVS.18	17:50-18:30
<i>Importance of Consistency of Robot's Animacy Level of Appearances and Behaviors for Higher Tolerance for Malfunctions.....N/A</i>	
Tomoko Koda	Osaka Inst. of Tech.
Yuri Tatsuta	Osaka Inst. of Tech.
Chisato Tada	Osaka Inst. of Tech.
SuIDVS.19	17:10-17:50
<i>A Robot Teacher: Progressive Learning Approach towards Teaching Physical Activities in Human-Robot Interaction.....N/A</i>	
Diego Felipe Paez Granados	Tohoku Univ.
Jun Kinugawa	Tohoku Univ.
Kazuhiro Kosuge	Tohoku Univ.
SuIDVS.20	17:50-18:30
<i>Predictors of Perceived Human-Robot Interaction Quality During Cooperative Tasks.....N/A</i>	
Verena Nitsch	Bundeswehr Univ. Munich
Teresa Schoenburg	Bundeswehr Univ. Munich
SuIDVS.21	17:10-17:50
<i>How Much Should I Be Intelligent?: The Impact of Autonomy Level of Intelligent Product.....N/A</i>	
Hyemee Kang	Ewha Womans Univ.
Min-Gyu Kim	KIRO
Sonya Sona Kwak	Ewha Womans Univ.
SuIDVS.22	17:50-18:30
<i>Analysis of Non Propositional and Non Postural Movements Performed by NAO Robot's in an Experimental Trial to Elicit Emotions.....N/A</i>	
Antonio Angulo	Pontificia Univ. Catolica del Peru
Renato Paredes	Pontificia Univ. Catolica del Peru
Mayeli Orosco	Pontificia Univ. Catolica del Peru
Christihan Laurel	Pontificia Univ. Catolica del Peru
Ericka Madrid	Pontificia Univ. Catolica del Peru
Francisco Cuellar	Pontificia Univ. Catolica del Peru
Alex Davila	Pontificia Univ.

	Catolica del Peru
SuIDVS.23	17:10-17:50
<i>Exploring the Influence of Verbal and Nonverbal Social Cues on Perceived Social Agency.....N/A</i>	
Aimi Shazwani Ghazali	Eindhoven Univ. of Tech.
Jaap Ham	Eindhoven Univ. of Tech.
Emilia I. Barakova	Eindhoven Univ. of Tech.
Panos Markopoulos	Eindhoven Univ. of Tech.
SuIDVS.24	17:50-18:30
<i>Behavioral Analysis Automation for Music-Based Robotic Therapy for Children with Autism Spectrum Disorder.....N/A</i>	
Rachael Bevill	George Washington Univ.
Chung Hyuk Park	George Washington Univ.
Ayanna Howard	Georgia Inst. of Tech.
Myounghoon Jeon	Michigan Tech. Univ.
SuIDVS.26	17:50-18:30
<i>Personality Classification from Robot-Mediated Communication Cues.....N/A</i>	
Oya Celiktutan	Univ. of Cambridge
Paul Bremner	Univ. of the West of England
Hatice Gunes	Univ. of Cambridge
SuIDVS.27	17:10-17:50
<i>Communicating Directional Intent in Robot Navigation Using Projection and Display Indicators.....N/A</i>	
Moondeep Shrestha	Waseda Univ.
Ayano Kobayashi	Waseda Univ.
Tomoya Onishi	Waseda Univ.
Hayato Yanagawa	Waseda Univ.
Yuta Yokoyama	Waseda Univ.
Erika Uno	Waseda Univ.
Alexander Schmitz	Waseda Univ.
Mitsuhiro Kamezaki	Waseda Univ.
Shigeki Sugano	Waseda Univ.
SuIDVS.28	17:50-18:30
<i>Exercise Bike System Which Can Enhance Trainee's Motivation for Prevention of Care Nursing.....N/A</i>	
Yusuke Otsuki	Fukui Univ. of Tech.
Makoto Haraguchi	Fukui Univ. of Tech.

SulDVS.29	17:10-17:50
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Towards a Human-Robot Speech Interface for an Autonomous Teammate.....N/A

Michael Novitzky	MIT
Hugh R. R. Dougherty	MIT
Michael Benjamin	MIT

SulDVS.30	17:50-18:30
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Interactive Learning Using COACH: Towards Machine Learners That Outperform Human Teachers.....N/A

Carlos Celemin	Univ. of Chile
Javier Ruiz-del-Solar	Univ. of Chile

SulDVS.31	17:10-17:50
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Human Robot Activity Classification Based on Accelerometer and Gyroscope.....N/A

Beibin Li	Yale Univ.
Laura Boccanfuso	Yale Univ.
Quan Wang	Yale Univ.
Erin Barney	Yale Univ.
Yejin Amy Ahn	Yale Univ.
Claire Foster	Yale Univ.
Katarzyna Chawarska	Yale Univ.
Brian Scassellati	Yale Univ.
Frederick Shic	Yale Univ.

SulDVS.32	17:50-18:30
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Robot Avatar for Enhancing the Communication of Physically Disabled Humans.....N/A

Ai Kashii	Keio Univ.
Kazunori Takashio	Keio Univ.
Hideyuki Tokuda	Keio Univ.

SulDVS.33	17:10-17:50
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Lip Synchronisation for the Icube Talking Head.....N/A

Ingo Keller	Heriot-Watt Univ.
Katrin Solveig Lohan	Heriot-Watt Univ.

SulDVS.34	17:50-18:30
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Pupiloïd: A Pupil Response Robot for Emotional Expression in Voice Communication.....N/A

Yoshihiro Sejima	Okayama Prefectural Univ.
Shoichi Egawa	Okayama Prefectural Univ.
Yoichiro Sato	Okayama Prefectural Univ.
Tomio Watanabe	Okayama Prefectural Univ.

SulDVS.35	17:10-17:50
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Prediction of Robot to Human Handover Events Using Vibrations.....N/A

Harmeet Singh	Sant'Anna School of Adv. Studies
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Marco Controzzi	Sant'Anna School of Adv. Studies
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Torquato Cecchini	Sant'Anna School of Adv. Studies
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Christian Cipriani	Sant'Anna School of Adv. Studies
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SulDVS.36	17:50-18:30
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An Integrated Architecture for Telerobotics Aided by Immersive Virtual Reality.....N/A

Matthew Bounds	Univ. of Houston-Victoria
Brandon Wilson	Univ. of Houston-Victoria
Alireza Tavakkoli	Univ. of Houston-Victoria
Donald Loffredo	Univ. of Houston-Victoria

SulDVS.37	17:10-17:50
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Physical Training of Seniors Using Robot Based Games.....N/A

Søren Tranberg Hansen	BrainBotics
Jakob Engelbrecht Olsen	BrainBotics
Søren Pallisgaard	BrainBotics
Jakob Fredslund	Alexandra Inst.

SulDVS.38	17:50-18:30
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Extracting Motion Primitives by Tracking Hand Motions in Human Demonstrations.....N/A

Ngoc Hung Pham	Shibaura Inst. of Tech.
Takashi Yoshimi	Shibaura Inst. of Tech.

SulDVS.39	17:10-17:50
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Step Climbing Machine Using Linkage for Walker and Wheelchair.....N/A

Makoto Haraguchi	Fukui Univ. of Tech.
Yusuke Otsuki	Fukui Univ. of Tech.

SulDVS.40	17:50-18:30
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Assistive Control and Clinical Trials of Robotic Lower-Limb Exoskeleton (HEXAR-WAH) for Hemiplegic Patients.....N/A

Deok-won Yun	Hanyang Univ.
Young-hoon Ji	Hanyang Univ.
Seung Hoon Hwang	Hanyang Univ.
Yong Hoon Han	Hanyang Univ.
Dong Bin Shin	Hanyang Univ.
Abdul Manan Khan	Hanyang Univ.
Jungsoo Han	Hanyang Univ.
Chang-Soo Han	Hanyang Univ.

SulDVS.41	17:10-17:50
<i>An Intuitive Human Interface for Remote Operation of Robotic Agents in Immersive Virtual Reality Environments.....N/A</i>	
Jace Regenbrecht	Univ. of Houston-Victoria
Alireza Tavakkoli	Univ. of Houston-Victoria
Donald Loffredo	Univ. of Houston-Victoria

TuIVS: 10:30-11:45	Everett Lounge
Video Session	
Please see the program of Sunday, August 28.	

TuIVS: 10:30-11:45	Everett Lounge
Interactive Session	

Please keep ALL posters up the entire time from 10:30-11:45. Beyond their assigned timeframe, authors may see other poster presentations.

All Odd Number Poster IDs: Presenting author must be present at their poster during 10:30-11:10.

All Even Number Poster ID: Presenting author must be present at their poster during 11:05-11:45.

TuIVS.01	10:30-11:10
<i>The TRADR Approach to Evaluating Human-Robot Teamwork in the Context of Disaster Response.....N/A</i>	
Joachim de Greeff	Delft Univ. of Tech.
Tina Mioch	TNO
Nanja Smets	TNO
Koen Hindriks	Delft Univ. of Tech.
Mark Neerincx	TNO
Ivana Kruijff-Korabayova	DFKI
TuIVS.02	11:05-11:45
<i>ZMP-Based Shuffling Walk Control for Humanoid Robots.....N/A</i>	
Daiki Sugimoto	Osaka Electro-Communication Univ.
Masanao Koeda	Osaka Electro-Communication Univ.
Etsuko Ueda	Osaka Inst. of Tech.
TuIVS.03	10:30-11:10
<i>Cloud Robotics Based on Facial Attribute Image Analysis for Human-Robot Interaction.....N/A</i>	
Yuji yamauchi	Chubu Univ.
Yu Kato	Chubu Univ.
Takayoshi Yamashita	Chubu Univ.
Hironobu Fujiyoshi	Chubu Univ.

TuIVS.04	11:05-11:45
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Admittance Control for Interaction between Two Two-Wheel Mobile Robots Using a Camera.....N/A

Hyunwoo Kim Chungnam Nat'l Univ.
Seul Jung Chungnam Nat'l Univ.

TuIVS.05	10:30-11:10
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Design of Play Specific to the Saddle Type Interface and Its Implementation.....N/A

Sho Yokota Toyo Univ.
Daisuke Chugo Kwansei Gakuin Univ.
Hiroshi Hashimoto Adv. Inst. of Industrial
Tech.
Kuniaki Kawabata Japan Atomic Energy
Agency

TuIVS.06	11:05-11:45
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Modeling Moderation for Multi-Party Socially Assistive Robotics.....N/A

Elaine Short Univ. of Southern
California
Katherine Sittig-Boyd Simmons College
Maja Mataric Univ. of Southern
California

TuIVS.07	10:30-11:10
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How to Start a Robot-Guided Museum Tour? - Using a Robot's Capabilities and a Wizard's Interactional Competences During Openings.....N/A

Raphaela Gehle Univ. of Duisburg-Essen
Karola Pitsch Univ. of Duisburg-Essen
Timo Dankert Bielefeld Univ.
Sebastian Wrede Bielefeld Univ.

TuIVS.08	11:05-11:45
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Mind Attribution: From Simple Shapes to Social Agents.....N/A

Friederike Eyssel Bielefeld Univ.
Birte Schiffhauer Bielefeld Univ.
Fabio Dalla Libera Osaka Univ.
Yuichiro Yoshikawa Osaka Univ.
Jakub Zlotowski Univ. of Canterbury
Ricarda Wullenkord Bielefeld Univ.
Hiroshi Ishiguro Osaka Univ.

TuIVS.09	10:30-11:10
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Acceptance of Collaborative Robots by Factory Workers: A Pilot Study on the Role of Social Cues of Anthropomorphic Robots.....N/A

Shirley A. Elprama	Vrije Univ. Brussel
Ilias El Makrini	Vrije Univ. Brussel
Bram Vanderborght	Vrije Univ. Brussel
An Jacobs	Vrije Univ. Brussel
TuIVS.10	11:05-11:45
<i>3D Human - Robot Gaming System for Upper Limb Rehabilitation.....N/A</i>	
Danny Eizicovits	Ben Gurion Univ.
Yael Edan	Ben Gurion Univ.
Iris Tabak	Ben Gurion Univ.
Shelly Levy Tzedek	Ben Gurion Univ.
TuIVS.11	10:30-11:10
<i>Influence of Robot Gender and Speaker Gender on Prosodic Entrainment in HRI.....N/A</i>	
Eszter Strupka	Univ. of Southern Denmark
Oliver Niebuhr	Univ. of Southern Denmark
Kerstin Fischer	Univ. of Southern Denmark
TuIVS.12	11:05-11:45
<i>How Facial Expressions May Influence the Trust in a Robot?.....N/A</i>	
Raul Paradedá	INESC-ID, Univ. of Lisbon
Mojgan Hashemian	INESC-ID, Univ. of Lisbon
Rafael Rodrigues	INESC-ID, Univ. of Lisbon
Ana Paiva	INESC-ID, Univ. of Lisbon
TuIVS.13	10:30-11:10
<i>Human Control of Multiple Robots in a Collaborative Tele-Exploration.....N/A</i>	
Amirhossein	Univ. at Buffalo, SUNY
Hajiagha Memar	
Ehsan Esfahani	Univ. at Buffalo, SUNY
TuIVS.14	11:05-11:45
<i>Evaluation of Humanoid Gesture in Presentation.....N/A</i>	
Yasushi Mae	Osaka Univ.
Taiyo Kimoto	Osaka Univ.
Kazuto Kamiyama	Osaka Univ.
Mitsuhiro Horade	Osaka Univ.
Masaru Kojima	Osaka Univ.
Tatsuo Arai	Osaka Univ.
TuIVS.15	10:30-11:10
<i>Applying the Wizard-of-Oz Technique to Multimodal Human-Robot Dialogue.....N/A</i>	
Matthew Marge	U. S. Army Research Lab.
Claire Bonial	U. S. Army Research Lab.
Brendan Byrne	U. S. Army Research Lab.

Taylor Cassidy	U. S. Army Research Lab.
A. William Evans	U. S. Army Research Lab.
Susan Hill	U. S. Army Research Lab.
Clare Voss	U. S. Army Research Lab.
TuIVS.16	11:05-11:45
<i>PetRo's Multimodal Emotional Language.....N/A</i>	
Ben Salem	Northumbria Univ.
Jonathon Stelling	Northumbria Univ.
Eliot Quinn	Northumbria Univ.
Tarik Safir	Manchester Univ.
Kit McBride	Whitcroft Lighting Ltd.
TuIVS.17	10:30-11:10
<i>Evaluating Human-Robot Interaction with Ethology.....N/A</i>	
Céline Jost	Univ. of South Brittany
Brigitte Le-Pévédic	Univ. of South Brittany
Tony Belpaeme	Plymouth Univ.
Marine Grandgeorge	Univ. Rennes
TuIVS.18	11:05-11:45
<i>Assessing Social Attitudes Toward Robots and the Impact of Anthropomorphism.....N/A</i>	
Sam Thellman	Linköping Univ.
Tom Ziemke	Univ. of Skövde
TuIVS.19	10:30-11:10
<i>A Multimodal Human-Robot Interaction Architecture to Promote Natural Emotional Bi-Directional Communication.....N/A</i>	
Alexander Hong	Univ. of Toronto
Nolan Lunscher	Univ. of Toronto
Tianhao Hu	Univ. of Toronto
Yuma Tsuboi	Univ. of Toronto
Goldie Nejat	Univ. of Toronto
Beno Benhabib	Univ. of Toronto
TuIVS.20	11:05-11:45
<i>Are Social Robots Valuable Interfaces for Recommender Systems?.....N/A</i>	
Mariacarla Staffa	Univ. of Naples
Silvia Rossi	Univ. of Naples Federico II
TuIVS.21	10:30-11:10
<i>A Robotic Learning Companion That Always Tries Hard Might Lower Children's Self-Efficacy in Challenging Learning Tasks.....N/A</i>	
Sooyeon Jeong	MIT
Nicole L'Huillier	MIT

TuIVS.22	11:05-11:45
<i>Preliminary Results from Using a Back-Projected Robot Head in Uncanny Valley Research.....N/A</i>	
Maike Paetzel	Uppsala Univ.
Christopher Peters	Royal Inst. of Tech.
Ingela Nyström	Uppsala Univ.
Ginevra Castellano	Uppsala Univ.
TuIVS.23	10:30-11:10
<i>A Multi-Speaker Conversation Tracker for Robot Gaze Attention Using Participants' Mobile Devices As Sensors.....N/A</i>	
Almog Ben David	IDC Herzliya
Guy Hoffman	Cornell Univ.
Oren Zuckerman	IDC Herzliya
TuIVS.24	11:05-11:45
<i>Conveying Emotion with Non-Human-Like Robot Platform.....N/A</i>	
Julian M.	Polytechnic Univ. of Milan
Angel Fernandez	
Andrea Bonarini	Polytechnic Univ. of Milan
TuIVS.25	10:30-11:10
<i>An Automatic Hand Brake for Preventing Unintended High-Risk Movement on a Manual Wheelchair.....N/A</i>	
Daisuke Chugo	Kwansei Gakuin Univ.
Nobuhiro Goto	Kwansei Gakuin Univ.
Satoshi Muramatsu	Tokai Univ.
Sho Yokota	Toyo Univ.
Hiroshi Hashimoto	Adv. Inst. of Industrial Tech.
TuIVS.26	11:05-11:45
<i>Real-Time Social Activity Detection for Mobile Service Robots.....N/A</i>	
Billy Okal	Univ. of Freiburg
Rudolph Triebel	Tech. Univ. of Munich
Kai Oliver Arras	Univ. of Freiburg
TuIVS.27	10:30-11:10
<i>Primitives for Human Manipulation Actions and Their Application in Human-Action Segmentation.....N/A</i>	
Ehsan Noohi	Univ. of Illinois at Chicago
Bahareh Abbasi	Univ. of Illinois at Chicago
Sina Parastegari	Univ. of Illinois at Chicago
Milos Zefran	Univ. of Illinois at Chicago
TuIVS.28	11:05-11:45

<i>Estimation of Finger Muscular Forces with a Wearable Hand Exoskeleton System.....N/A</i>	
Suin Kim	Ulsan Nat'l Inst. of Science and Tech.
Jeongsoo Lee	Ulsan Nat'l Inst. of Science and Tech.
Joonbum Bae	Ulsan Nat'l Inst. of Science and Tech.
TuIVS.29	10:30-11:10
<i>Control System Based on Pressure Distribution on Contact Surface for Wearable Assist Robot.....N/A</i>	
Naoya Uchiyama	Nagoya Univ.
Yuki Funabara	Nagoya Univ.
Shinji Doki	Nagoya Univ.
Kae Doki	Aichi Inst. of Tech.
TuIVS.30	11:05-11:45
<i>"i-Eye" - a Wearable Eyeball Interface.....N/A</i>	
Masaki Kato	Chiba Inst. of Tech.
Shigeki Okawa	Chiba Inst. of Tech.
TuIVS.31	10:30-11:10
<i>Rescue Robot System with an Informational Searchlight Robot and Multiple Task for Effective Human Victim Detection.....N/A</i>	
Jungkil Park	Chonbuk Nat'l Univ.
Geunjae Lee	Chonbuk Nat'l Univ.
Jaebyoung Park	Chonbuk Nat'l Univ.
TuIVS.32	11:05-11:45
<i>Estimating Mood by Determining Weights of Pre-Defined Basis Functions Based on Observed Facial Expressions and Situations.....N/A</i>	
Kazumi Kumagai	Tokyo Univ. of Agriculture and Tech.
Kotaro Hayashi	Tokyo Univ. of Agriculture and Tech.
Ikuo Mizuuchi	Tokyo Univ. of Agriculture and Tech.
TuIVS.33	10:30-11:10
<i>Development of a Master-Slave System for Telerobotic Ultrasonography.....N/A</i>	
Jang Ho Cho	Korea Inst. of Machinery and Materials
Joonho Seo	Korea Inst. of Machinery and Materials
Hyun Soo Woo	Korea Inst. of Machinery and Materials