

SulDVS: 17:10-18:30		Everett Lounge
TuIVS: 10:30-11:45		
Video Session		
SulDVS.01, TuIVS.34		
<i>Intuitive Human-Robot Interaction and Collaboration: A Gesture-Based Approach</i>		
Miguel Simão		Univ. of Coimbra
Pedro Neto		Univ. of Coimbra
Olivier Gibaru		Arts et Métiers ParisTech
SulDVS.02, TuIVS.35		
<i>A Robotic Home Assistant with Memory Aid Functionality</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		Univ. of Hamburg
Vankadara		
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
SulDVS.03, TuIVS.36		
<i>Neurophysiological Indices of Human-Robot Interactions Synched with FUSE Technology and Real Time Video</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
SulDVS.04, TuIVS.37	
<i>Multimodal Interaction with Multiple Co-Located Drones in Search and Rescue Missions</i>	
Jonathan Cacace	Univ. of Naples
Alberto Finzi	Univ. of Naples
Vincenzo Lippiello	Univ. of Naples
SulDVS.05, TuIVS.38	
<i>Design and Evaluation of CAESAR: A 3D-Printed Expressive Robot</i>	
Jared Frank	NYU Tandon School of Eng.
Matthew Moorhead	NYU Tandon School of Eng.
Vikram Kapila	NYU Tandon School of Eng.

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</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-Korbayova	DFKI
TuIVS.02	11:05-11:45
<i>ZMP-Based Shuffling Walk Control for Humanoid Robots</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</i>	
Yuji yamauchi	Chubu Univ.
Yu Kato	Chubu Univ.
Takayoshi Yamashita	Chubu Univ.
Hironobu Fujiyoshi	Chubu Univ.
TuIVS.04	11:05-11:45
<i>Admittance Control for Interaction between Two Two-Wheel Mobile Robots Using a Camera</i>	
Hyunwoo Kim	Chungnam Nat'l Univ.
Seul Jung	Chungnam Nat'l Univ.

TuIVS.05	10:30-11:10
<i>Design of Play Specific to the Saddle Type Interface and Its Implementation</i>	
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
<i>Modeling Moderation for Multi-Party Socially Assistive Robotics</i>	
Elaine Short	Univ. of Southern California
Katherine Sittig-Boyd	Simmons College
Maja Mataric	Univ. of Southern California
TuIVS.07	10:30-11:10
<i>How to Start a Robot-Guided Museum Tour? - Using a Robot's Capabilities and a Wizard's Interactional Competences During Openings</i>	
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
<i>Mind Attribution: From Simple Shapes to Social Agents</i>	
Friederike Eyssel	Bielefeld Univ.
Birte Schifffhauer	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
<i>Acceptance of Collaborative Robots by Factory Workers: A Pilot Study on the Role of Social Cues of Anthropomorphic Robots</i>	
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</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

Influence of Robot Gender and Speaker Gender on Prosodic Entrainment in HRI

Eszter Strupka	Univ. of Southern Denmark
Oliver Niebuhr	Univ. of Southern Denmark
Kerstin Fischer	Univ. of Southern Denmark

TuIVS.12	11:05-11:45
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How Facial Expressions May Influence the Trust in a Robot?

Raul Paradedda	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
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Human Control of Multiple Robots in a Collaborative Tele-Exploration

Amirhossein	Univ. at Buffalo, SUNY
Hajiagha Memar	
Ehsan Esfahani	Univ. at Buffalo, SUNY

TuIVS.14	11:05-11:45
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Evaluation of Humanoid Gesture in Presentation

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
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Applying the Wizard-of-Oz Technique to Multimodal Human-Robot Dialogue

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
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PetRo's Multimodal Emotional Language

Ben Salem	Northumbria Univ.
Jonathon Stelling	Northumbria Univ.
Eliot Quinn	Northumbria Univ.
Tarik Safir	Manchester Univ.
Kit McBride	Whitecroft Lighting Ltd.

TuIVS.17	10:30-11:10
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Evaluating Human-Robot Interaction with Ethology

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
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Assessing Social Attitudes Toward Robots and the Impact of Anthropomorphism

Sam Thellman	Linkoping Univ.
Tom Ziemke	Univ. of Skovde

TuIVS.19	10:30-11:10
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A Multimodal Human-Robot Interaction Architecture to Promote Natural Emotional Bi-Directional Communication

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
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Are Social Robots Valuable Interfaces for Recommender Systems?

Mariacarla Staffa	Univ. of Naples
Silvia Rossi	Univ. of Naples Federico II

TuIVS.21	10:30-11:10
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A Robotic Learning Companion That Always Tries Hard Might Lower Children's Self-Efficacy in Challenging Learning Tasks

Sooyeon Jeong	MIT
Nicole L'Huillier	MIT

TuIVS.22	11:05-11:45
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Preliminary Results from Using a Back-Projected Robot Head in Uncanny Valley Research

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</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</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</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</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</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</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</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</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</i>	
Jungkil Park	Chonbuk Nat'l Univ.
Geunjae Lee	Chonbuk Nat'l Univ.
Jaebung 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</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</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