

Mon Nov 2

16:00-17:30 Multimodal Communication Analysis and Dialog (Poster)

- MO2-1 A Speaker Diarization Method based on the Probabilistic Fusion of Audio-Visual Location Information
Kentaro Ishizuka, Shoko Araki, Kazuhiro Otsuka, Tomohiro Nakatani, Masakiyo Fujimoto
- MO2-2 Dynamic Robot Autonomy: Investigating the Effects of Robot Decision-Making in a Human-Robot Team Task
Paul Schermerhorn, Matthias Scheutz
- MO2-3 A speech mashup framework for multimodal mobile services
Giuseppe Di Fabbrizio, Jay Wilpon, Thomas Okken
- MO2-4 Detecting, tracking and interacting with people in a public space
Yoav Freund, Evan Ettinger, Sunsern Cheamanunkul, Matt Jacobsen, Patrick Lai
- MO2-5 Cache-based Language Model Adaptation using Visual Attention for ASR in Meeting Scenarios
Neil Cooke, Martin Russell
- MO2-6 Multimodal End-of-Turn Prediction in Multiparty Meetings
Iwan de Kok, Dirk Heylen
- MO2-7 Recognizing Communicative Facial Expressions for Discovering Interpersonal Emotions in Group Meetings
Shiro Kumano, Kazuhiro Otsuka, Dan Mikami, Junji Yamato
- MO2-8 Classification of Patient Case Discussions Through Analysis of Vocalisation Graphs
Saturnino Luz, Bridget Kane
- MO2-9 Learning from Emotional Preferences and Selected Multimodal Features of Players
Georgios Yannakakis
- MO2-10 Detecting User Engagement with a Robot Companion Using Task and Social Interaction-based Features
Ginevra Castellano, André Pereira, Iolanda Leite, Ana Paiva, Peter W. McOwan
- MO2-11 Multi-Modal Features for Real-Time Detection of Human-Robot Interaction Categories
Ian Fasel, Masahiro Shiomi, Philippe-Emmanuel Chadutaud, Takayuki Kanda, Hiroshi Ishiguro, Norihiro Hagita
- MO2-12 Modeling Culturally Authentic Style Shifting with Virtual Peers
Justine Cassell, Kathleen Geraghty, Berto Gonzalez, John Borland
- MO2-13 Between Linguistic Salience and Visual Attention
Rui Fang, Joyce Chai

Wed Nov 4

16:00-17:30 Multimodal Applications and Techniques (Poster)

- WE4-1 Adaptation from Partially Supervised Handwritten Text Transcriptions
Nicolás Serrano, Daniel Pérez, Albert Sanchis, Alfons Juan
- WE4-2 Recognizing Events with Temporal Random Forests
David Demirdjian, Chenna Varri
- WE4-3 Activity-aware ECG-based patient authentication for remote health monitoring
Janani Sriram, Minh Shin, David Kotz
- WE4-4 GaZIR: Gaze-based Zooming Interface for Image Retrieval
Laszlo Kozma, Arto Klami, Samuel Kaski
- WE4-5 Computing for Next Billion: Multimodal Indic Text Input
Prasenjit Dey, Ramachandhula Sitaram, Rahul Ajmera, Kalika Bali
- WE4-6 Evaluating the Effect of Temporal Parameters for Vibrotactile Saltatory Patterns
Jukka Raisamo, Roope Raisamo, Veikko Surakka
- WE4-7 Mapping Information to Audio and Tactile Icons
Eve Hoggan, Roope Raisamo, Stephen Brewster
- WE4-8 Augmented Reality Target Finding Based on Tactile Cue
Teemu Ahmaniemi, Vuokko Lantz

Doctoral Spotlight Posters

- DSP-1 Investigating Privacy-Sensitive Features for Robust Speaker Change Detection (DSS)
Sree Hari Krishnan Parthasarathi, Mathew Magimai.-Doss, Daniel Gatica-Perez, Herve Bourlard
- DSP-2 Providing Expressive Eye Movement to Virtual Agents (DSS)
Zheng Li, Xia Mao, Lei Liu
- DSP-3 Mediated Attention with Multimodal Augmented Reality (DSS)
Angelika Dierker, Mertes Christian, Hermann Thomas, Hanheide Marc, Sagerer Gerhard
- DSP-4 Grounding Spatial Prepositions for Video Search (DSS)
Stefanie Tellex, Deb Roy
- DSP-5 Multi-Modal and Multi-Camera Attention in Smart (DSS) Environments
Boris Schauerte, Jan Richarz, Thomas Plötz, Christian Thurau, Gernot Fink
- DSP-6 A Framework for Continuous Multimodal Sign Language Recognition (DSS)
Daniel Kelly, Jane Reilly Delannoy, John Mc Donald, Charles Markham
- DSP-7 MirrorTrack - Tracking with Reflection - Comparison with Top-Down Approach (DSS)
Yannick Verdie, Bing Fang, Francis Quek
- DSP-8 Discovering group nonverbal conversational patterns with topics (DSS)
Dinesh Babu Jayagopi, Daniel Gatica-Perez
- DSP-9 Learning and Predicting Multimodal Daily Life Patterns from Cell Phones (DSS)
Katayoun Farrahi, Daniel Gatica-Perez