

Table of Contents

Spacing and Orientation in Co-present Interaction	1
<i>Adam Kendon</i>	
Group Cohesion, Cooperation and Synchrony in a Social Model of Language Evolution	16
<i>Carl Vogel</i>	
Pointing Gestures and Synchronous Communication Management	33
<i>Kristiina Jokinen</i>	
How an Agent Can Detect and Use Synchrony Parameter of Its Own Interaction with a Human?	50
<i>Ken Prepin and Philippe Gaussier</i>	
Accessible Speech-Based and Multimodal Media Center Interface for Users with Physical Disabilities	66
<i>Markku Turunen, Jaakko Hakulinen, Aleksi Melto, Juho Hella, Tuuli Laivo, Juha-Pekka Rajaniemi, Erno Mäkinen, Hannu Soronen, Mervi Hansen, Santtu Pakarinen, Tomi Heimonen, Jussi Rantala, Pellervo Valkama, Toni Miettinen, and Roope Raisamo</i>	
A Controller-Based Animation System for Synchronizing and Realizing Human-Like Conversational Behaviors	80
<i>Aleksandra Čereković, Tomislav Pejša, and Igor S. Pandžić</i>	
Generating Simple Conversations	92
<i>Mark ter Maat and Dirk Heylen</i>	
Media Differences in Communication	102
<i>Rozanne B. Raine</i>	
Towards Influencing of the Conversational Agent Mental State in the Task of Active Listening	113
<i>Stanislav Ondáš, Elisabetta Bevacqua, Jozef Juhár, and Peter Demeter</i>	
Integrating Emotions in the TRIPLE ECA Model	122
<i>Kiril Kiryazov and Maurice Grinberg</i>	
Manipulating Stress and Cognitive Load in Conversational Interactions with a Multimodal System for Crisis Management Support	134
<i>Andreea Niculescu, Yujia Cao, and Anton Nijholt</i>	

Sentic Computing: Exploitation of Common Sense for the Development of Emotion-Sensitive Systems	148
<i>Erik Cambria, Amir Hussain, Catherine Havasi, and Chris Eckl</i>	
Face-to-Face Interaction and the KTH Cooking Show	157
<i>Jonas Beskow, Jens Edlund, Björn Granström, Joakim Gustafson, and David House</i>	
Affect Listeners: Acquisition of Affective States by Means of Conversational Systems	169
<i>Marcin Skowron</i>	
Nonverbal Synchrony or Random Coincidence? How to Tell the Difference	182
<i>Fabian Ramseyer and Wolfgang Tschacher</i>	
Biometric Database Acquisition Close to “Real World” Conditions	197
<i>Marcos Faundez-Zanuy, Joan Fàbregas, Miguel Ángel Ferrer-Ballester, Aythami Morales, Javier Ortega-Garcia, Guillermo Gonzalez de Rivera, and Javier Garrido</i>	
Optimizing Phonetic Encoding for Viennese Unit Selection Speech Synthesis	207
<i>Michael Pucher, Friedrich Neubarth, and Volker Strom</i>	
Advances on the Use of the Foreign Language Recognizer	217
<i>Rytis Maskeliūnas, Algimantas Rudzionis, and Vytautas Rudzionis</i>	
Challenges in Speech Processing of Slavic Languages (Case Studies in Speech Recognition of Czech and Slovak)	225
<i>Jan Nouza, Jindrich Zdansky, Petr Cerva, and Jan Silovsky</i>	
Multiple Feature Extraction and Hierarchical Classifiers for Emotions Recognition	242
<i>Enrique M. Albornoz, Diego H. Milone, and Hugo L. Rufiner</i>	
Emotional Vocal Expressions Recognition Using the COST 2102 Italian Database of Emotional Speech	255
<i>Hicham Atassi, Maria Teresa Riviello, Zdeněk Smékal, Amir Hussain, and Anna Esposito</i>	
Microintonation Analysis of Emotional Speech	268
<i>Jiří Příbil and Anna Příbilová</i>	
Speech Emotion Modification Using a Cepstral Vocoder	280
<i>Martin Vondra and Robert Vích</i>	

Analysis of Emotional Voice Using Electroglottogram-Based Temporal Measures of Vocal Fold Opening	286
<i>Peter J. Murphy and Anne-Maria Laukkanen</i>	
Effects of Smiling on Articulation: Lips, Larynx and Acoustics	294
<i>Sascha Fagel</i>	
Neural Basis of Emotion Regulation	304
<i>Luigi Trojano</i>	
Automatic Meeting Participant Role Detection by Dialogue Patterns ...	314
<i>Jing Su, Bridget Kane, and Saturnino Luz</i>	
Linguistic and Non-verbal Cues for the Induction of Silent Feedback	327
<i>Maria Koutsombogera and Harris Papageorgiou</i>	
Audiovisual Tools for Phonetic and Articulatory Visualization in Computer-Aided Pronunciation Training	337
<i>Bernd J. Kröger, Peter Birkholz, Rüdiger Hoffmann, and Helen Meng</i>	
Gesture Duration and Articulator Velocity in Plosive-Vowel-Transitions	346
<i>Dominik Bauer, Jim Kannampuzha, Phil Hoole, and Bernd J. Kröger</i>	
Stereo Presentation and Binaural Localization in a Memory Game for the Visually Impaired	354
<i>Vlado Delić and Nataša Vujnović Sedlar</i>	
Pathological Voice Analysis and Classification Based on Empirical Mode Decomposition	364
<i>Gastón Schlotthauer, María E. Torres, and Hugo L. Rufiner</i>	
Disfluencies and the Perspective of Prosodic Fluency	382
<i>Helena Moniz, Isabel Trancoso, and Ana Isabel Mata</i>	
Subjective Tests and Automatic Sentence Modality Recognition with Recordings of Speech Impaired Children	397
<i>David Sztaho, Katalin Nagy, and Klara Vicsi</i>	
The New Italian Audio and Video Emotional Database	406
<i>Anna Esposito and Maria Teresa Riviello</i>	
Spoken Dialogue in Virtual Worlds	423
<i>Gérard Chollet, Asmaa Amehraye, Joseph Razik, Leila Zouari, Houssemeddine Khemiri, and Chafic Mokbel</i>	
Author Index	445