

Contents

Detection of Neuropsychiatric States of Interest in Text / 1
<i>Robert J. Bechtel and Louis A. Gottschalk</i>
Some Novel Aspects of Health Communication from a Dialogue Systems Perspective / 5
<i>Timothy Bickmore and Toni Giorgino</i>
Talking Telemedicine: Is the Interactive Voice-Logbook Evolving into the Cornerstone of Diabetes Healthcare? / 13
<i>L-A. Black, M. McTear, N. Black, C. McMeel, R. Harper, and M. Lemon</i>
A Triage Information Agent (TIA) based on the IDA Technology / 18
<i>Stan Franklin and Dan Jones</i>
Using a Domain-Independent Reactive Planner to Implement a Medical Dialogue System / 24
<i>Reva Freedman, Nicholas Haggin, Dessislava Nacheva, Tom Leahy, and Richard Stilson</i>
Evaluation and Usage Patterns in the Homey Hypertension Management Dialog System / 32
<i>Toni Giorgino, Silvana Quaglini, and Mario Stefanelli</i>
Communication of Uncertainty in Clinical Genetics Patient Health Communication Systems / 36
<i>Nancy Green, Tami Britt, and Karen Jirak</i>
An Assistive Conversation Skills Training System for Caregivers of Persons with Alzheimer's Disease / 44
<i>Nancy Green, William Lawton, and Boyd Davis</i>
E-Health as Dialogue: Communication and Quality of Cancer Care / 50
<i>Linda Harris, Connie Dresser, and Gary L. Kreps</i>
A Synthetic Character Application for Informed Consent / 58
<i>Robert C. Hubal, Curry I. Guinn, Diana C. Sparrow, Evelyn J. Studer, Ruth S. Day, and Wendy A. Visscher</i>
A Pedagogical Agent for Psychosocial Intervention on a Handheld Computer / 64
<i>W. Lewis Johnson, Catherine LaBore, and Yuan-Chun Chiu</i>
Integrating Public Health and Computer Science Theoretical Perspectives for Developing Tailored Health Messages / 71
<i>Rita Kukafka, Frances Morrison, and Stephen B. Johnson</i>
Retrofitting Synthetic Dialog Agents to Game Characters for Lifestyle Risk Training / 78
<i>Susann Luperfoy</i>
The Role of "Etiquette" in an Automated Medication Reminder / 88
<i>Christopher A. Miller, Peggy Wu, and Marc Chapman</i>

The Transonics Spoken Dialogue Translator: An Aid for English-Persian Doctor-Patient Interviews / 97	
<i>S. Narayanan, S. Ananthakrishnan, R. Belvin, E. Ettelaie, S. Gandhe, S. Ganjavi, P. G. Georgiou, C. M. Hein, S. Kadambe, K. Knight, D. Marcu, H. E. Neely, N. Srinivasamurthy, D. Traum, and D. Wang</i>	
Voice Pathology Assessment Based on a Dialogue System and Speech Analysis / 104	
<i>Richard Reilly, Rosalyn Moran, and Peter Lacy</i>	