Journal of Ambient Intelligence and Smart Environments 1 (2009) 379–380
IOS Press

Keyword Index Volume 1 (2009)

accelerometers 143
action recognition 103
activity recognition 157
adaboost 143
adaptability 23
adaptive systems 63
Alzheimer's disease 335
ambient environments 57
Ambient Intelligence (AmI) 5, 117, 129, 287
animal machine interaction 63

body area networks 83
body sensor networks 173

classification 143
cognitive and emotional information 37
commonsense knowledge representation 311
communication robot 211
compressive sensing 103
context-awareness 157
critical futurism 63
critique of ambient intelligence 63

description logics 235
design process 185
digital homes 69
disability 223
disruptive technology 69
distributed perception 103

elderly care 335
electrooculography (EOG) 157
emotion 287
experience research 5

fusion 23
future homes 69

golf swing 173

hand movements 143
handicap situation 223
haptic interaction 37
health monitoring 83
healthcare 117
heart rate variability 287
hierarchal activities of daily life 335
human action 15
human activity languages 15
Human Computer Interaction 351
human robot interaction 311
human-centered computing 23
human-computer interaction (HCI) 157
human-robot interaction 211

inductive contactless energy transfer 185
information access 31
intelligent home 311
intelligibility 57
interface design 23

long-term behavior 63

Markov models 323
mobile devices 31
mobile phone 351
modeling context information 235
modeling context-aware 57
multi-agent systems 51
multimodal interaction 37
multimodal interfaces 23
multiple residents 51, 323

naïve Bayes classifier 323
natural interaction 5
negotiation 51
neonatal monitoring 185
NFC 351

OWL DL 235

participatory modeling 43
participatory simulation 43
path deviation 261
pervasive computing 223
physical browsing 351
physical symbol grounding 311
physiological monitoring 129

quantitative analysis 173

rapid prototyping 87
reasoning services 235
RFID 351

1876-1364/09/$17.00 © 2009 – IOS Press and the authors. All rights reserved

robot behavior development 211
rule-based context reasoning 261

scenario engineering 43
second order ambient intelligence 63
semantic context modeling 261
semantic user profiles 261
semantics-based navigation 261
sensor event labeling 323
sensor network(s) 15, 211
sensorimotor representations 15
service aggregation 69
situation-awareness 235
smart environments 87, 323
smart garments 87
smart homes 335
smart spaces 223
SMASH 87
society-centered design 43
sparse representation 103
speech 31
speech features 287
Spoken Dialogue System 31
sport training 173

task associated sensor events 335
temporal design 63
textiles 117
tracking 51

ubiquitous 223
unobtrusive sensing 287
user tracking 261
user-centered design 5

virtual appliances 69

wearable computing 83
wearable eye tracking 157
wearable motherboard 117
wearable sensor network(s) 103, 117
wearable sensors 83, 185