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Ambient Intelligence

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Proceedings

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Preface

Celebrating its 10th anniversary, the vision of Ambient Intelligence has been widely adopted as a human-centric approach to application and technology development. While the Ambient Intelligence vision was initially conceptualized as a reply to technological developments that enabled the embedding of intelligence in electronic environments with a focus on information, communication and entertainment applications, the vision has not been agnostic to the rising needs in society. Today, the Ambient Intelligence vision represents also a holistic approach to technology-supported health and wellbeing systems.

Going back to 2003, the annual Ambient Intelligence conference has established a well-recognized academic and industrial community. The first Ambient Intelligence conference presented a program built around four themes: *ubiquitous computing, context awareness, intelligence* and *natural interaction*. Reflecting the evolution of the Ambient Intelligence vision, this year's conference included additional themes such as *assisted living, methods and tools*, and *applications and studies*.

These AmI 09 proceedings include the latest research into technologies and applications that enable and validate the deployment of the Ambient Intelligence vision. With 21 full papers and 10 short papers, these proceedings provide a good insight into the state-of-the art of Ambient Intelligence research and development.

Organizing an event such as the AmI 09 conference would not have been possible without the support of a highly qualified Program and Review Committee as well as an efficient Organizing Committee. We greatly appreciate the effort of all authors submitting their contribution to AmI 09 and express our gratitude to all people who supported us in this event.

November 2009

Manfred Tscheligi
Boris de Ruyter
Panos Markopoulos
Reiner Wichert
Thomas Mirlacher
Alexander Meschtscherjakov
Wolfgang Reitberger

Organization

The 3rd European Conference on Ambient Intelligence, AmI 09, was organized by the HCI&Usability Unit, ICT&S Center, University of Salzburg, Austria.

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Table of Contents

Keynote

Ambient Intelligence 2.0: Towards Synergetic Prosperity	1
<i>Emile Aarts and Frits Grotenhuis</i>	

Sensing

Behavior Analysis Based on Coordinates of Body Tags	14
<i>Mitja Luštrek, Boštjan Kaluža, Erik Dovgan, Bogdan Pogorelec, and Matjaž Gams</i>	
MobiDiC: Context Adaptive Digital Signage with Coupons	24
<i>Jörg Müller and Antonio Krüger</i>	
Slice&Dice: Recognizing Food Preparation Activities Using Embedded Accelerometers	34
<i>Cuong Pham and Patrick Olivier</i>	

Reasoning and Sensing

The Ambient Tag Cloud: A New Concept for Topic-Driven Mobile Urban Exploration	44
<i>Matthias Baldauf, Peter Fröhlich, and Peter Reichl</i>	
Constructing Topological Maps of Displays with 3-D Positioning Information	49
<i>Donald J. Patterson</i>	
Activity Recognition for Personal Time Management	55
<i>Zoltán Prekopcsák, Sugárka Soha, Tamás Henk, and Csaba Gáspár-Papanek</i>	
Getting Places: Collaborative Predictions from Status	60
<i>Mohamad Monibi and Donald J. Patterson</i>	

Ambient Technology

Place Enrichment by Mining the Web	66
<i>Ana O. Alves, Francisco C. Pereira, Assaf Biderman, and Carlo Ratti</i>	
Sensor-Based Human Activity Recognition in a Multi-user Scenario	78
<i>Liang Wang, Tao Gu, Xianping Tao, and Jian Lu</i>	

Amelie: A Recombinant Computing Framework for Ambient Awareness 88
Georgios Metaxas, Panos Markopoulos, and Emile Aarts

Bug-Free Sensors: The Automatic Verification of Context-Aware TinyOS Applications 101
Doina Bucur and Marta Kwiatkowska

Semi-automatic Story Creation System in Ubiquitous Sensor Environment 106
Shohei Yoshioka, Yasushi Hirano, Shoji Kajita, Kenji Mase, and Takuya Maekawa

SAGE: A Logical Agent-Based Environment Monitoring and Control System 112
Krysia Broda, Keith Clark, Rob Miller, and Alessandra Russo

Using Video with Active Markers 118
Jussi Mikkonen, Jung-Joo Lee, and Ilpo Koskinen

Ambient Assisted Living

An Event-Driven Approach to Activity Recognition in Ambient Assisted Living 123
Holger Storf, Thomas Kleinberger, Martin Becker, Mario Schmitt, Frank Bomarius, and Stephan Prueckner

EMon: Embodied Monitorization 133
Davide Carneiro, Paulo Novais, Ricardo Costa, Pedro Gomes, and José Neves

Interoperation Modeling for Intelligent Domotic Environments 143
Dario Bonino and Fulvio Corno

Intertwining Implicit and Explicit Awareness of Wellbeing to Support Peace of Mind and Connectedness 153
Pavan Dadlani, Panos Markopoulos, and Emile Aarts

NICA: Natural Interaction with a Caring Agent 159
Berardina De Carolis, Irene Mazzotta, and Nicole Novielli

Applications and Studies

Ambient Rabbits Likeability of Embodied Ambient Displays 164
Thomas Mirlacher, Roland Buchner, Florian Förster, Astrid Weiss, and Manfred Tscheligi

Contextual Interaction Design: The Case of Pause Buddy 174
David V. Keyson and Hannah J. Doff-Ottens

Creating a Development Support Bubble for Children	186
<i>Janneke Verhaegh, Willem Fontijn, Emile Aarts, Laurens Boer, and Doortje van de Wouw</i>	
I Bet You Look Good on the Wall: Making the Invisible Computer Visible	196
<i>Jo Vermeulen, Jonathan Slenders, Kris Luyten, and Karin Coninx</i>	
AmIQuin - An Ambient Mannequin for the Shopping Environment	206
<i>Alexander Meschtscherjakov, Wolfgang Reitberger, Thomas Mirlacher, Hermann Huber, and Manfred Tscheligi</i>	
Designing an Awareness Display for Senior Home Care Professionals	215
<i>Martijn H. Vastenburg and Robbert J. Vroegindewij</i>	

Methods and Tools

A Framework to Develop Persuasive Smart Environments	225
<i>Pedro Lobo, Teresa Romão, A. Eduardo Dias, and José Carlos Danado</i>	
Measuring the Response Bias Induced by an Experience and Application Research Center	235
<i>Boris de Ruyter, Rick van Geel, and Panos Markopoulos</i>	
The Assisted User-Centred Generation and Evaluation of Pervasive Interfaces	245
<i>Karin Leichtenstern and Elisabeth André</i>	

Reasoning and Adaptation

Increased Robustness in Context Detection and Reasoning Using Uncertainty Measures: Concept and Application	256
<i>Martin Berchtold and Michael Beigl</i>	
Synthetic Training Data Generation for Activity Monitoring and Behavior Analysis	267
<i>Dorothy Monekosso and Paolo Remagnino</i>	
Adaptive User Profiles in Pervasive Advertising Environments	276
<i>Florian Alt, Moritz Balz, Stefanie Kristes, Alireza Sahami Shirazi, Julian Mennenöh, Albrecht Schmidt, Hendrik Schröder, and Michael Goedicke</i>	

Author Index	287
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