Ambient Assisted Living Systems

Joint Workshop

November 10th, 2007
Technische Universität Darmstadt
Piloty building S2|02n, Hochschulstr. 10, 64289 Darmstadt

SW5 track	EU4 track MonAMI
http://www.ami-07.org/wsscience.html	http://www.ami-07.org/wseu.html
Dr. Martin Becker (Fraunhofer IESE) Prof. Dr. Thomas Fuhrmann (U.Karlsruhe, U.Munich) Martin Floeck (TU Kaiserslautern)	Prof. Dr. Paul Lukowicz (U.Passau) Gunnar Fagerberg (Swedish Handicap Institute) Antonio Kung (Trialog)

About the workshop

Ambient Assisted Living (AAL) provides equipment and automated services that enable citizens to live longer independently and self-determined in their own homes. This reduces the need for special medical care and nursing services; and it improves the quality of these services, often at lower cost for the society.

This joint workshop will bring together experts from academia and industry

- to identify and discuss specific demands, approaches, and solutions with regard to awareness in the AAL domain.
- to exchange views on MonAMI objective to leverage on mainstream building blocks to achieve AAL.

The joint workshop comprises two parallel tracks in the morning (Scientific Workshop 5 Ambient Assisted Living and the EU Workshop 4 on MonAmI) and a joint track in the afternoon. During the breaks there will be a poster session, where the different projects can introduce themselves.

This workshop is open to all ambient intelligence stakeholders (manufacturers, service providers, research laboratories, etc.) who are interested to exchange viewpoints

About MonAMI

The overall objective of MonAMI is to mainstream accessibility in consumer goods and services, including public services, through applied research and development, using advanced technologies to ensure equal access, independent living and participation for all in the Information Society.

The MonAMI project will demonstrate that accessible, useful services for elderly persons and persons with disabilities living at home can be delivered in mainstream systems and platforms. This will be done in close cooperation with users and by involving key mainstream actors throughout the whole process.

More information is available on www.monami.info

Agenda

08:00	**Registration**	
08:50	**Welcome / Keynote**	
	Welcome, Preparing for afternoon workshop, *Martin Becker (Fraunhofer IESE), Paul Lukowicz (U.Passau)*	
	Keynote presentation : Ambient Assisted Living, *Hartmut Strese (VDI/VDE-IT)*	
09.30	**SW5 track**	**EU4 track: Mainstream Solutions for Ambient Assisted Living Systems?**
	Attitudes and Requirements of Elderly People Towards Assisted Living Solutions, *Jonas Grauel and Annette Spellerberg (Research Area of Urban Sociology, Technical University Kaiserslautern)*	MonAMI vision for AAL, *Gunnar Fagerberg (Swedish Handicap Institute)*
	Formal Design and Analysis of an Ambient Multi-Agent System Model for Medicine Usage Management *Mark Hoogendoorn, Michel Klein, and Jan Treur (Vrije Universiteit Amsterdam, Department of Artificial Intelligence)*	The user viewpoint. *Margaret Ellis. London School of Economics)*
	Concept and Design of an AAL home monitoring solution based on a personal computerized assistive unit *Matthias Brinkmann, Martin Floek, Lothar Litz (Institute of Automatic Control, University of Kaiserslautern)*	Example of Spain. *Armando Roy (U. Zaragoza)*
10:45	**Break**	
11:00	Detecting Activities for Assisted Living *Dorothy N. Monekosso, CISM (Kingston University, Kingston upon Thames, London, UK)*	Deconstructing mainstream applications for AAL., *Antonio Kung (Trialog)*
	Interacting with intelligent environments *Ali A. Nazari Shirehjini (Fraunhofer IGD)*	The Universal Remote Console Initiative, *Gottfried Zimmermann*
	BERNIE - Consultant for Nutrition and Intelligent Shopping *Michael Hellenschmidt and Felix Kamieth (Fraunhofer-Institute for Computer Graphics)*	Siemens view on Accessibility. *Marcus Dubielzig or Klaus Peter Wegge (Siemens)*
	Ambient Assisted Living in Rural Areas: Vision and Pilot Application *Ferenc Havasi and Akos Kiss (University of Szeged, Department of Software Engineering)*	Monitoring and smart sensors today. *Paul Lukowics, (U.Passau)*
	Predictions for epidemiologic indicators of age-related diseases and implications for the development of health-enabling technologies *Michael Marschollek, Klaus-H. Wolf, Oliver J. Bott, Juergen Howe, Reinhold Haux (Institute for Medical Informatics (IfMI), Technical University Carolo-Wilhemina)*	Automatic dietary monitoring using on-body sensors. *Olivier Amft (ETH Zurich))*
12:45	**Break**	
13:30	**Interactive Workshop: What does it take to bring AAL Systems into Practice?**	
	Summary of SW5 track, Martin Becker (Fraunhofer)	
	Summary of EU4 track, Paul Lukowicz (U.Passau)	
	Workshop, chaired by Gunnar Fagerberg (Swedish Handicap Institute) and Martin Becker (Fraunhofer) The objective of the interactive workshop will be to identify challenges, promising approaches and opportunities. A questionnaire will be provided in the morning to workshop participants, and the results will be discussed during this session.	
15.00	**Close**	