

OASIS 1st International Conference

Florence, Italy – 4-5 November, 2009

Palazzo degli Affari – piazza Adua 1

Wednesday November 4th, 2009

08.30- 09:30 Registration and welcome coffee

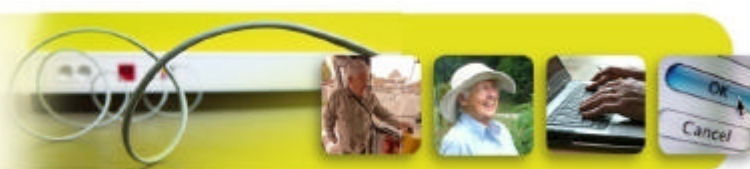
08.30 -09.30 Posters Previews & Demos

09:30-12:30 **Opening Session**

Chairman: Silvio Bonfiglio, FIMI -PHILIPS, OASIS Project Coordinator

09.30	S. Bonfiglio, FIMI Philips, Italy OASIS Project Coordinator	Welcome and Introduction
09.40	T. Lattuada ANCESCAO, Italy	The role of the Older People's Associations
09.50	E. Bekiaris, CERTH, Greece OASIS Technical Manager	The OASIS concept
10.10	Peter Wintlev-Jensen, European Commission Project Officer – Brussels	Relevant EC policies
10.30	William C. Mann, University of Florida, U.S.A.	Smart technology to promote independence as we age
10.50	Elisabeth Mestheneos, AGE - Belgium	How can the EU meet older people's expectations? The End Users' perspective
11.10	Patrick Roe , EPFL, Switzerland	Technology transfer and future research priorities in the field of ICT for e-Inclusion
11.30	M. Giovanna Trivella, CNR, Italy	ICT for the health of the ageing population
11.50	Filippo Cavallo AALIANCE Consortium	AAL Research Roadmap
12.10	OASIS AWARDS	

12.30 – 13.30: Lunch break



Wednesday November 4, 2009 - Afternoon

13:30-15:50 Parallel sessions A1 and A2

Session A1 – An ontological world

This session presents alternative Architectures for AAL, with emphasis on ontologies, alignment tools for service interconnection, semantics for service discovery and single or multi-domain ontological frameworks.

Chairman: Dimitrios Tzovaras, CErTH/ ITI

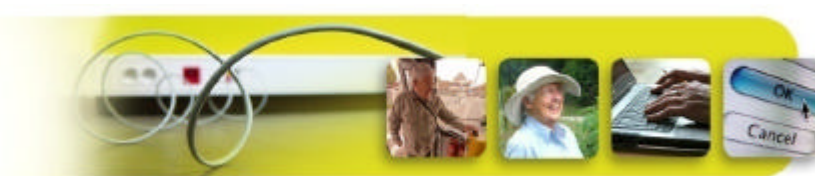
13.30	John Bateman, University of Bremen, Germany (Keynote speaker)	OASIS hyperontological framework
13.50	Saied Tazari , Fraunhofer –IGD, Germany (invited speaker)	Architecture and ontologies in the PERSONA Project
14.10	D. Kontotasiou, D. Kehagias, D. Tzovaras - Greece	A survey of ontology development and management methodologies
14.30	Immanuel Normann Germany	Ontological and Spatial Modeling of Situational Contexts for Ambient Assisted Living
14.50	D. Kehagias, D. Ioannidis, D. Tzovaras - Greece	Towards seamless semantic integration of Web services: An ontology-based three-layer approach
15.10	Alexander Garcia, John Bateman - Germany	CMAPS supporting knowledge elicitation when developing OWL ontologies. A case study
15.30	Christian Galinski, INFOTERM, Austria (Keynote speaker)	Standardization of ontologies

Session A2 - Older People in the Digital Society

How do older people see themselves in the digital world? What are their expectations and how do they see technology evolving in the future? The challenges of technology development for independent living of older people will be highlighted.

Chairman: Isabel Borges, AGE

13.30	Guido Van Steendam, The IFB - KU Leuven; Belgium (Invited speaker)	Linking ICT to the social needs and values of the elderly. Difficulties and possibilities
13.50	Fiorella Marcellini, INRCA, Italy (Invited speaker)	Older people's expectations and attitude towards technology
14.10	Cristiano Paggetti MEDEA , Italy (Invited speaker)	Case study related to the start-up of homecare services and AAL platform
14.30	John Nelson, Paulus T. Aditjandra United Kingdom	ICT Opportunities and Obstacles towards quality of life for older people
14.50	Lena Carlsson, Sandviken, Sweden	Portal for the elderly and their families
15.10	Angel Martin, Cristina de la Maza, Oscar Lazaro Spain	Ontology-driven Social Community for Elders
15.30	S. Lindsay, G. Schofield, D. Jackson, T. Bartindale, C. Pham, P. Olivier - UK	OPAF: OASIS Participatory Analysis Framework



15:50- 16:15 Coffee Break

16:15-18:30 Parallel sessions A3 & A4

Session A3 – Healthy Ageing

This session will focus on Independent Living Applications (ILA) for healthy ageing at home. Emphasis is on technologies, services, sensors and socioeconomic factors that are related mostly to medical, nutritional and activities promotion applications.

Chairman: Silvio Bonfiglio, FIMI-PHILIPS

16.15	Fabrizia Bamonti, University of Milano, Dpt. Scienze Mediche, Faculty of Medicine, Italy (Invited speaker)	"LABAMOTO": an innovative model of "Mobile Health" for monitoring the ageing population
16.35	Miguel Gonzalez-Mendoza, Instituto Tecnologico de Monterrey , Mexico	Needs, resources and health services for elderly: the Mexican context
16.55	Sven Feilner, M. Rulsch, M. Struck, C. Artz- Germany	Wearable Sensor System for Human Motion and Respiration Control During Rehabilitation of life-obstructing diseases
17.15	Viveca Jimenez Mixco, M. F. Cabrera-Umpierrez, M. T. Arredondo, S. Bonfiglio, M. Garcia, M. Struck – Spain, Italy, Germany	The OASIS Health Monitoring System
17.35	Peter Rumm, Germany	Business Opportunities Developed by the European AAL-Project PERSONA
17.50	Federico Viani, M. Martinelli, L. Ioriatti, G. Oliveri, P. Rocca & A Massa - Italy	Wireless Sensor Networks for Real-time Localization and Tracking of Elderly People
18.10	I. Jantunen, T. Korhonen, J. Hämäläinen, M. Husso, E. Mutafungwa, M. Pekkola, X. Wang, Z. Zheng UBI-SERV Project	User-centric Design of Mobile & Remote Health Care and Safety Services and Supporting Technologies for China and Finland
18.30	End of the day 1	

Session A4 – Who's retired?

Older people are no longer passive viewers of life; they are well experienced workers and active contributors to all socio-economic aspects of society. They need well-designed flexible working environments, including home working and mobile working. Translating these needs into productivity requires the design of smart workplaces that can provide easy access to data from anywhere, anytime, service continuity and seamlessness, regardless of the device used (pc, smart phone, PDA, tablet & C...), intuitive interface, security and interoperability.

Chairman: Gianna Tsakou, SILO

16.15	Gianna Tsakou , Singular Logic, Greece (Keynote speaker)	Technologies for promoting elderly workability from home or when on the move.
16.45	Manfred Rentsch, IAS - Germany (invited speaker)	Models and measures for elderly workability enhancement
17.15	Maria Panou, E. Bekiaris, P. Spanidis Greece	OASIS technological benchmarking database on autonomous mobility and smart workplaces
17.45	Pilar Sala, Juan-Carlos Naranjo, Juan- Batista Mocholi, Carlos Fernandez - Spain	VAALID project: Accessibility and Usability Validation Framework for AAL Interaction Design Process
18.15	End of the day 1	



Thursday - 5 November 2009

09.00 – 10.00 Posters Session & Demos - Walkthrough

Welcome coffee

10:00-12:30 Parallel sessions B1 & B2

Session B1 – Mobile elderly

This session focuses on applications about elderly friendly transportation and tourism services, from pre-trip to on-trip support, regarding information, guidance and even physical support to the elderly users. Existing services and emerging technologies will be considered.

Chairman: Mary Panou, CERTH/ HIT

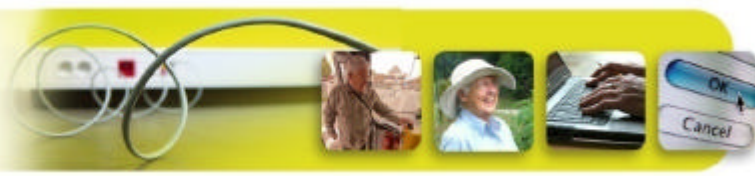
10.00	Angela Spence, MIZAR - Italy (Keynote speaker)	Towards a holistic, elderly friendly, multi-modal transport route guidance
10.30	Claude-Marin Lamellet , INRETS, France (Invited speaker)	Mobility patterns of the elderly and future trends
11.00	Kirsten Wildberger Germany	Elderly friendly routing & guidance in OASIS – analysis of user needs & considerations for their integration into a prototypic application
11.20	Toine Molenschot, The Netherlands	The Hague Smartline Project powered by RouteOnLine
11.40	Giorgio Ambrosino & Claudia Binazzi - Italy	A Cooperative ICT Platform for the provision of Flexible Mobility Services to ageing people
12.00	Fairchild, Richard G., Brake J.F., Thorpe N.T - UK	In-Vehicle Driver Feedback Systems and Older Drivers

Session B2 – Home Alone

Extending years of active life will allow older people to play a full role in family life and in their local communities (overcoming loneliness). Older people need to become "co-producers" of personalized services, thus have ownership in creating their own networks of support, while also having access to and enjoy a full array of supportive services from home.

Chairman: Karel Van Isacker, MCA

10.00	Sergio Guillen, ITACA / Univ. of Valencia, Spain (Keynote speaker)	ILA for erderly, from needs to technological solutions
10.20	Kutoma Jacqueline Wakunuma, De Montfort University Leicester - UK (invited speaker)	Recognising the issue of ethics in ICTs targeted at older people
10.40	Fiorenza Scotti University of Trieste, Italy (invited speaker)	Education in Assistive Technology: the Master Degree of the University of Trieste
11.00	Karel Van Isacker, Mariya Goranova-Valkova - Bulgaria	A user driven optimized older people world
11.20	Narciso Gonzalez, Anna Kamarainen, Outi Kalla, Mitja Lustek, Matjaz Gams, Igone Velez- Finland	Two-stage Older people's independent living needs and system specifications
11.40	Ana Maria Navarro Cerda, J.C. N. Martinez, M. Pilar Sala Soriano, J. B. Mocholi Agues - Spain	AAL service for controlling, influencing and monitoring the nutritional habits of the elderly: OASIS Nutritional Advisor Service
12.00	G. Tartarisco , Pioggia G., Ricci G., Siciliano G., De Rossi D. - Italy	Design and Implementation of a Wearable Wireless System for Analysis and Classification of Motor Activities



12:30-13:30 Lunch Break

Thursday November 5, 2009 - afternoon

13:30-14:30 Poster Sessions & Demos – Walkthrough

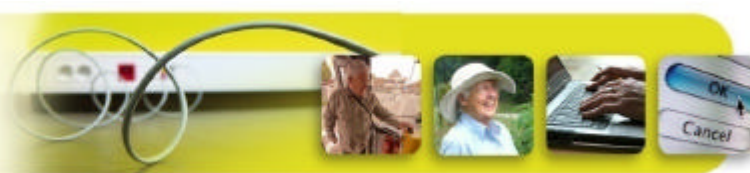
14.30 – 16.30 Parallel sessions B3 & B4

Session B3 – Accessible Interfaces for All

This session will focus on the HMI elements visual, auditory, tactile, olfactory), navigation metaphors, HCI concepts and other tools for developing elderly friendly and intuitive applications across the whole range of relevant services

Chairman: Harald Widlroither, FhG/IAO

14.30	Stephane De Ketelaere, MULTITEL , Belgium (keynote speaker)	An Embedded Spoken Dialog Systems specific for Elderly Users
14.50	Cornelia Hipp, Fraunhofer - Germany (Invited speaker)	Elderly Friendly HMI: Graphical User Interface for Ambient Assisted Living
15.10	Jan-Paul Leuteritz, Vivien Melcher, Mary Panou, Asterios Leonidis – Germany, Greece	OASIS HMI: An Elderly Friendly UI Approach
15.30	Asterios Leonidis, Margherita Antona, Jan-Paul Leuteritz – Greece, Germany	An adaptation widget library to support adaptable user interfaces for the elderly
15.50	Federica Protti, Caterina Calefato, Chiara Ferrarini, Roberto Montanari University of Modena and Reggio Emilia, Italy	Designing Interactivity in car environment: an accessibility issue
16.10	Antonio Frisoli, Luis Ivan Villeda, Edoardo Sotgiu, Siqiao Li, Marco Fontana, Massimo Bergamasco PERCRO, Italy	Robot-assisted neuro-rehabilitation of upper limb in stroke patients with robotic and VR technologies



Session B4 – Mobile Elderly II (Making it happen beyond ICT)

This session will focus on relevant European, national, regional or local non-ICT initiatives, projects and policies aiming to improve the mobility of the elderly in cities.

Chairman: Oliver Jung, POLIS

14.30	Evangela Gaitanidou CERTH, Greece (Keynote speaker)	Mobility Schemes Ensuring Accessibility of Public Transport for All Users (Access2All Project)
14.55	Kusuto Naito, Ilenia Gheno Belgium	Developing tools to describe and improve the accessibility of transport (MEDIATE Project)
15.20	Ivo Cré POLIS, Belgium	Helping European Cities to implement urban transport innovations (NICHES+ Project)
15.45	Angelika Gasteiner, Salzburg AG , Austria	Attaining Energy Efficient Mobility in an Ageing Society (AENEAS Project)
16.10	Dora Ramazzotti & Athanasios Lois Italy, Greece	Flexible Transport Services for Elderly People: A solution against social exclusion

16.30 – 17.00 : Coffee break

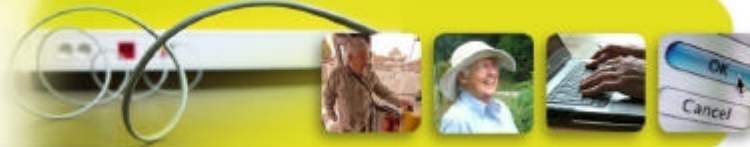
17.00 – 18.00 : Technologies for Ageing Well : Coordinated Vision

A round table with the participation of relevant European Projects (*)

Chairman: Evangelos Bekiaris

(*) Represented Projects: AALIANCE, AEGIS, HAPPY AGEING, CONFIDENCE, HERMES, OASIS, PERSONA, REMOTE, SMILING, VAALID.

18.00 - 18.10	S. Bonfiglio	Conclusions - Conference end
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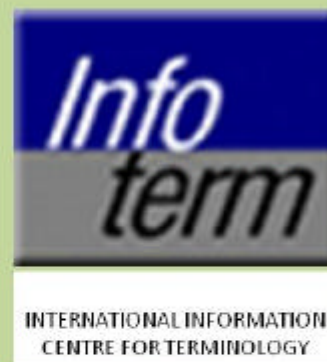


THE POSTER SESSION

Displayed Posters :

AEGIS Project, Ageing in China, Ageing in Europe, AMVITAL Project, Confidence Project, CCE Project (Connected Care for Elderly persons suffering from Dementia), Design of a Social Community Platform for Chinese Elders, EMERGE Project , E-VITA Project , Happy Ageing Project, Hermes Project, Kluster-e Project (1), Kluster-e Project (2), OASIS Project, PERSONA Project, REMOTE Project, ROSETTA Project, SMILING Project, VAALID Project, Old People Home Saint Lazarus, Student Awarded Poster.

THE EXHIBITION AREA



APPLICATION DEMOS (early prototypes)

- The Nutritional Advisor
- Voice-based Interactions
- Route Guidance
- Wearable Health Sensors
- The smart house
- The OASIS Ontological World
- Activity Monitoring
- ACTIBIO, the smart car seat