



Call for Papers

OASIS 1st International Conference

November 4-5, 2009

Florence, Italy



Open architecture for Accessible Services Integration and Standardisation

How to support holistically the independent living and mobility of the elderly across Europe? How to connect services for the elderly in an one-stop-shop fashion and interrelate/ integrate them? What are the elderly and their families/ carers primary needs, concerns and expectations from the technologies and services arising? These, and much more, are to be presented in Florence, in the OASIS 1st International Conference.

OASIS is a Large Scale Integrating Project – partially funded by the European Commission (FP7-ICT 215754) - with the aim to develop an open and innovative reference architecture, based upon ontologies and semantic services, that will allow plug and play and cost-effective interconnection of existing and newly developed services in all domains required for the independent and autonomous living of older people and their enhanced Quality of Life.

The aim of the OASIS 1st International Conference is to serve as a forum to present current and future work as well as to exchange ideas in the field of Independent Living and Autonomous Mobility of the elderly.

After the 1st half-day Plenary Session, the Conference will be structured in parallel sessions open to the contributions from a variety of stakeholders from across Europe and beyond and addressing the following themes:

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.

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.

Session A3: Healthy Ageing

This session focuses 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.



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.

Session B1: Mobile Elderly I (Innovative Applications)

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.

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.

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.

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.

Exhibition and Partnership Opportunities

The conference exhibition area will form an integral part of the conference and will provide your company / organization with an opportunity to inform and display your latest products, services. Delegates will be given ample time to visit the exhibition area. For more information on the exhibition and exhibitor rates please fill in and return the form enclosed, after which you will be contacted by the organisers.

Call for papers – Important dates

The conference welcomes high quality contributions from a variety of stakeholders from across Europe and beyond for all sessions. Contributed papers could be for oral and poster presentations.

Deadline for Abstracts: Friday July 17, 2009

Abstracts Acceptance: August 28, 2009

Deadline for full paper: October 2, 2009



Prize Awards

The OASIS project will award two prizes, one for the best student paper received and one for the best paper from developing countries. Each prize will consist of a financial grant of 1.000 € and an awarded certificate. If you wish to apply for this award, please indicate this with your abstract submission. To be eligible the student must be the sole author of the paper or the first author and primary contributor.

Scientific Committee

All abstracts submitted will be reviewed by the Scientific Committee, which consists of a panel of high level experts:

- John Bateman – University of Bremen
- Evangelos Bekiaris - CERTH/Hellenic Institute for Transport
- Silvio Bonfiglio - PHILIPS
- Isabel Borges –AGE, The European Older People's Platform
- Maria Garcia Robledo – SIEMENS
- Juan Carlos Naranjo Martinez – ITACA
- Stelios Pantelopoulos – SingularLogic
- Angela Spence – MIZAR
- Karel Van Isacker – Marie Curie Association
- Harald Widroither – Fraunhofer-Gesellschaft

How to submit an abstract?

The deadline for submission of abstracts is Friday July 17, 2009; abstracts should not be longer than two pages. Submissions will be reviewed by the **Scientific Committee** and you will be notified of the outcome by August 7, 2009. You can either submit an abstract by filling in the form below, attaching the abstract and sending via e-mail to mkaratza@certh.gr or online via the OASIS website: www.oasis-project.eu/

Please send this form back to CERTH/ HIT office to the attention of Mara Karatza, mkaratza@certh.gr

I would like to submit an abstract (abstract must be attached to this form)

Please indicate the session: A1 A2 A3 A4 B1 B2 B3 B4

I would like to apply for the OASIS Prize Award for the following category:

- Best Student Paper
- Best Paper from Developing Countries

I would like to receive more information on becoming an exhibitor at the conference.

I would like to be kept up-to-date on the conference programme and registration details

Name:

Organisation:

Address:

Tel: Fax: e-mail:

For more information, contact: FIMI PHILIPS, Silvio Bonfiglio, via S. Banfi 1, 21047 SARONNO - Italy, Tel: +39-0296175237, Fax: +39-0296175305, e-mail: Silvio.Bonfiglio@philips.com or visit: www.oasis-project.eu/



Preliminary Conference Programme

Day 1: Wednesday November 4, 2009

- 09:00 Registration and Coffee
- 09:30 – 12:00 Opening Session
- 12:00-13.00 Lunch Break
- 13:00-15.00 Parallel Sessions
Session A1: An ontological world
Session A2: Older people in Digital Society
- 15:00-15:30 Coffee break
- 15:30-17:30 Parallel Sessions
Session A3: Healthy Ageing
Session A4: Who's retired?
- 17:30 End of Day 1
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Day 2: Thursday November 5, 2009

- 09:00-17:00 Interactive Poster Session with accompanied walkthroughs.
- 09:30-12:00 Parallel Sessions
Session B1: Mobile Elderly I (Innovative applications)
Session B2: Home Alone
- 12:00-13.00 Lunch Break
- 13:00-14:00 Walkthroughs to Poster sessions
- 14:00-16:30 Parallel Sessions
Session B3: Accessible Interfaces for All
Session B4: Mobile Elderly II (Making it happen beyond ICT)
- 16.30-17.00 Conclusions
- 17:00 End of Day 2



About OASIS:

OASIS - Open architecture for Accessible Services Integration and Standardisation

OASIS introduces an innovative, Ontology-driven, Open Reference Architecture and System, which will enable and facilitate interoperability, seamless connectivity and sharing of content between different services and ontologies in all application domains relevant to applications for the elderly and beyond. The OASIS System is open, modular, holistic, easy to use and standards abiding. It includes a set of novel tools for content/services connection and management, for user interfaces creation and adaptation and for service personalization and integration. Through this new Architecture, over 12 different types of services are connected with the OASIS System for the benefit of the elderly, covering user needs and wants in terms of:

- Independent Living Applications (nutritional advisor, activity coach, brain and skills trainers, social communities platform, health monitoring and environmental control).
- Autonomous Mobility and Smart Workplaces Applications (elderly-friendly transport information services, elderly-friendly route guidance, personal mobility services, mobile devices, biometric authentication interface and multimodal dialogue mitigation and other smart workplace applications).

Applications are all integrated as a unified, dynamic service batch, managed by the OASIS Service Centre and supporting all types of mobile devices (tablet PC, PDA, smart phone, automotive device, ITV, info kiosk, ...) and all types of environments (living labs, sheltered homes, private homes, two car demonstrators, public transport, DSRT, etc.) in 4 Pilot sites Europe-wide. As user friendliness and acceptability is a top priority for the project, a user-centred-design approach is followed along the service and application development. Tested iteratively and thoroughly by hundreds of end users, their caregivers and other stakeholders, the OASIS System and applications will be optimized and submitted for standardization by the purpose-established OASIS world-wide Industrial Forum.

www.oasis-project.eu