

Call for Papers

Ambient Assisted Living in Europe

– Technology and Innovation for Ageing Well –

11-12 March 2010

The Coordination Action AALIANCE - funded by the European Commission, DG Information Society and Media, within the 7th Framework Programme - focuses on Ambient Assisted Living (AAL) solutions based on advanced ICT technologies for the areas of AAL4Persons, which includes at home and on the move, AAL@community and AAL@work. AALIANCE provides a framework for stakeholders, led by industry, to define research and development priorities, timeframes and action plans on strategically important issues in the field of Ambient Assisted Living. Furthermore it plays a key role in ensuring an adequate focus of research funding for AAL, in fostering effective public-private partnerships and in developing a European research policy, in particular in focusing on FP7 and on activities launched by EU member states (AAL Joint Programme).

**The AALIANCE European Conference on AAL will take place
11-12 March 2010 in Malaga.**

We are inviting contributions from the European AAL community in order to present the current state of AAL-related research and technologies in Europe and show innovative approaches in linking ICT and independent living for future applications, products and services.

Contributions should focus on technology-oriented research, innovative use cases and business examples in the 3 domains AAL4Persons (which includes at home and on the move), AAL@community and AAL@work.

Possible thematic areas for contributions:

Technical Infrastructures and Enabling Technologies

- Sensing, gathering data about persons, their situation as well as the environment
- Reasoning, aggregating data from multiple sensors, analysing the data, and planning action
- Acting, executing an action e.g. by raising alarms, sending messages or automatic intervention
- Interacting, human system interaction taking into account the impairment and abilities of persons
- Communication, between diverse components (sensor networks, between services) across networks of different scopes (PAN/BAN, LAN, WAN)
- Robotics

- Systems and service construction, integration as well as dynamic composition,
- Standards and interoperability relevant for the AAL domain

Application Fields

- Health and wellness, prevention and rehabilitation, activity management, care and support for care providers
- Safety and security
- Social participation, interaction and inclusion
- Personal services
- Entertainment, leisure and education
- Mobility (at home and beyond)
- Ageing at the work place

Business Aspects

- Successful examples from practice and lessons learned
- Theoretical approaches to business model design in AAL
- Barriers and regulations in the European healthcare/care markets
- Evidence-based marketing for the Silver Economy
- SMEs and entrepreneurship
- Venture capital
- New professions and educational needs

Related Topics

- Large scale pilots and living labs
- Privacy, data protection, and ethical issues

Guidelines

Paper will be selected with a special focus on the (technological or business) innovation and novelty of the presented topics.

Papers should be submitted in the form of an abstract (not exceeding one page) to the AALIANCE Office by 31 December 2009 at aalliance@aalliance.eu. The selection process involving the AALIANCE Forum Committee will be finished by the End of January. Authors of accepted papers will be informed immediately and will be able to attend the conference at reduced price.

Timeline

- Deadline for abstracts: 31.12.2009
- Notification of authors: 31.01.2010
- Delivery of accepted papers: 30.02.2010

The AALIANCE Programme Committee

- Paolo Dario (Scuola Superiore Sant'Anna, Pisa)
- Ger van den Broek (Philips Healthcare)
- Wolfgang Putz (Fraunhofer IESE)
- Christian Wehrmann (VDI/VDE-IT)
- Mari Satur Torre (Vodafone Foundation)
- Anne-Sophie Parent (AGE Platform)
- Thomas Baehren (Bosch GmbH)
- Michael Balasch (Deutsche Telekom)
- Pietro Siciliano (IMM-CNR)
- Johan Bengtson (Lulea Technical University)
- Renzo dal Molin (Sorin Group)
- Simon Edwards (University of Newcastle)
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