

# ROBOTS IN ASSISTED LIVING ENVIRONMENTS

UNOBTRUSIVE, EFFICIENT, RELIABLE AND MODULAR SOLUTIONS FOR INDEPENDENT AGEING

Research Innovation Action

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# **DELIVERABLE 7.6**

# Dissemination and communication plan II

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# Abstract

This report plans dissemination and communication activities during the second reporting period. The outcomes of the planned activities will be reported in the Progress and Activity Reports (M18 and M24).

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#### **Executive Summary**

RADIO is promoted through various channels. This includes communication of project concepts and results to a wider audience beyond academically and commercially interested stakeholders. This report plans in detail dissemination, communication and awareness activities that aim to:

- 1. Inform the research community of the state-of-the-art developments taking place in the project and how the project may affect its research field.
- 2. Foster community building and to realize impact on industry and research in Europe and worldwide.
- 3. Inform user groups and the general public of the state-of-the-art developments taking place in the project and how it may affect their lives.

This report plans dissemination and communication activities during the second reporting period. The outcomes of the planned activities will be reported in the Progress and Activity Reports (M18 and M24).

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## 1 Introduction

#### 1.1 Purpose and Scope

This report plans dissemination, communication and awareness activities that aim to:

- 1. Inform the research community of the state-of-the-art developments taking place in the project and how the project may affect its research field.
- 2. Foster community building and to realize impact on industry and research in Europe and worldwide.
- 3. Inform user groups and the public of the state-of-the-art developments taking place in the project and how it may affect their lives.

#### 1.2 Dissemination Strategy

The objective of the dissemination strategy is to identify and organise the activities to be performed within RADIO in order to maximise the influence of the project and to promote commercial and other exploitation of the project results.

In more detail, the objectives of RADIO dissemination are:

- To raise public awareness about the project, its expected results and progress within defined target groups using effective communication means and tools;
- To exchange experience with projects and groups working in the broader domain of information in order to join efforts, minimize duplication and maximize potential;
- To disseminate the fundamental knowledge, the methodologies and technologies developed during the project;
- To pave the way for a successful commercial and non-commercial exploitation of the project outcomes.

The dissemination strategy and activities will follow **principles and best practices** successfully tested by the partners in other projects and in-line with EC Guidelines for successful dissemination:

- All research results/reports will be duly reviewed and a copy will be sent to relevant partners involved in the project before these are published or disseminated. When appropriate, the reports will refer to other research projects and build on the existing results and literature.
- Research will be conducted following sound analysis and scientific practice principles, taking into account as much as possible policy requirements and needs.
- All partners who will contribute to the project activities will be duly informed about the final outcomes and the implications stemming from project results.
- All public results will be accessible from the project website and usable from all parties who may benefit from them.

The definition of the dissemination strategy of RADIO is based on **the identification of the following milestones**:

- The subject of dissemination (what will be disseminated),
- The identification of target audience (who will benefit most from the project results and who would be interested in learning about the project findings),
- The definition of methods and tools (what is the most effective way to reach the target audience),
- The timing (when dissemination will take place),
- The dissemination management and policy (who is responsible of and how dissemination is ruled).

#### 1.3 Approach

This deliverable is prepared within Task 7.2, which promotes RADIO through various channels. This includes communication of project concepts and results to a wider audience beyond academically and commercially interested stakeholders. It also targets community building and cross-fertilization activities that besides the normal channels of publications, conference papers, workshop organisation, and educational courses at university sites, will also focus on elaborating and presenting the selected case studies and how research results support them.

Task 7.2 comprises several subtasks:

- RADIO identity and on-line presence: RADIO Web site and social networking accounts.
- RADIO News Channel: Periodically updated news channel where the scientific advances and important project news will be reported biannually.
- RADIO Infographics: Short videos intended to present complex information quickly and clearly
- RADIO Book describing RADIO's approach in a prestigious international publishing house.
- Regular dissemination activities: participation and presentation of the project's research and technology results in scientific journals, bulletins, conferences, and workshops related to the academic partners' research areas.
- Liaisons and contributions to standards and specification bodies: monitoring relevant work and reporting RADIO results to and receiving feedback from relevant standardization bodies.
- Scientific workshops: organisation of a series of annual workshops on the topics of the project at related scientific conferences.
- RADIO technology plug fests: organisation of focused technical workshops and plug fests that the project will annually organise for software developers and researchers working on similar technologies, who would like to experiment with RADIO components and tools.
- Participation in public awareness events.

The rest of this report presents the consortium's plans with respect to public awareness and communication (Section 2), more targeted stakeholder awareness and communication (Section 3), and academic dissemination (Section 4).

#### 1.4 Relation to other Work Packages and Deliverables

This report plans dissemination and communication activities during the second reporting period. The outcomes of the planned activities will be reported in the Progress and Activity Reports (M18 and M24).

#### 2 Public Awareness and Communication

#### 2.1 RADIO Dissemination Material

**RADIO BROCHURE:** Production of project dissemination material in printed form may include a 'flagship' brochure which will reflect the status of the project and will serve as a prestigious business card for presentation to influential readers – European policy-makers, national and local authorities, potential partners, investors, industrial end-users, technology licensees and media representatives. Produced early in the lifetime of a project or network a brochure can:

- Provide an overview of the consortium, and highlight the reputation/strengths of individual partners;
- Review the background and technological rationale for undertaking the initiative;
- Indicate the targeted results, and emphasize the scale of breakthrough/innovation expected to be achieved;
- Explain the provision being made for education, knowledge sharing and exploitation of the findings;
- Attract interest in association with, and contribution to, an initiative from parties recognising a potential for profitable participation in the fruits of the eventual discoveries; and/or
- Help SME partners who may not be able to afford such an exercise alone.

**RADIO POSTER:** Posters are frequently used in launches, exhibitions and conferences to boost awareness of new products. RADIO posters will be used in all RADIO partner installations to actively promote the project to internal stakeholders. They can also be used in all RADIO partners' promotion activities, like exhibitions and conferences where related topics and subjects are addressed.

**RADIO NEWSLETTER:** A periodic newsletter offers the means to report unfolding developments during the course of a project. Depending on the choice of content, it can be circulated internally to inform individuals within partner organisations, and externally to chosen target audiences. Typical candidate stories that could be considered for inclusion are:

- Suitably edited versions of project press releases;
- Announcements of progress by single partners or workgroup collaborators;
- Reports on conferences and meetings;
- News of milestone achievements;
- Personnel announcements; and
- Information about forthcoming events.

Newsletters of this nature are often issued three to four times a year – but even an annual publication can serve as a useful update to information contained in a main project brochure

**RADIO PRESS RELEASE**: The number one tool of PR professionals has been, and continues to be, the press release. It is the standard method of communicating organisation announcements to relevant media, which can result in free publicity one could never afford to buy. One of the most effective business-to-business and business-to-consumer marketing methods for companies has always been the press release. They are used by manufacturers in all industries to announce the launch of new products, by non-profit groups to announce fund-raising events and activities, and by scientific and research entities to promote and announce their results and findings, in their specific communities and target audiences. The RADIO project will release information in such a way when something worthy of announcing is happening in the project.

**RADIO PROMOTIONAL VIDEO:** Back in the day, advertisements were only seen in newspapers or on TV. Now it seems that advertising has a new playground, the World Wide Web. Ads have appeared as banners, pop-up ads, social media, and lately, in the form of YouTube videos. Ads in the form of

YouTube videos are often called 'viral ads,' especially when they gather millions of views, and are part of a viral marketing campaign.

To support the potential of this possibility RADIO will produce two videos to support the multimedia dissemination activities and to also upload on the project website for public use:

- *RADIO video*: this video will have a more institutional framework and will describe in more detail the objectives of the project as well as the expected benefits, a summary description of consortium partners etc. The video will be used at conferences and presentations.
- *RADIO infographic*: this two-minute video will highlight in a very attractive way the scope of the project and will challenge and tease the viewer. This video could be used in viral dissemination actions in social media sites.

#### 2.2 Organised Robotic School Visits

The programme that is currently running in NCSR-D premises for robotic school visits has been warmly welcomed by the schools, students and teachers alike who visit from around Greece. The main goal of the programme is to familiarize school children with robotics and automation in general, but also with the specific technologies and concepts of the RADIO action. The heightened interest observed in this educational programme, which is run by a professional Museum Educator, is indicated by the fact that it is already fully booked for the whole of 2016. During this educational programme children are acquainted with existing robots at NCSR-D, learn about the history of robots and understand how useful can be in our everyday lives.

The dedicated website for information and school visit bookings may be accessed here: <a href="http://schoolvisits.iit.demokritos.gr/robotics/2015/about">http://schoolvisits.iit.demokritos.gr/robotics/2015/about</a>



Figure 1: Photo and student comments from a recent school visit



Figure 2: The dedicated website for Robotics school visits

#### 2.3 The RADIO Smart Room at NCSR "Demokritos" premises

Currently, a fully functional smart room is being developed at NCSR-D premises for the purposes of the RADIO project. The 45m<sup>2</sup> room, which will be fully equipped and decorated by the IKEA team sponsoring the room, will be made to look like a real home.

The room will not only be used by the technical teams of the RADIO project consortium for research purposes of the project and future projects to come, but will also be widely promoted to the general public as well as VIP visitors. As NCSR-D is the oldest and largest multidisciplinary research center in Greece with unique research infrastructure, a wide range of large and small scale events of National and International importance regularly take place on its premises at the congress center.

This is an opportunity that the RADIO consortium will grasp by including the RADIO smart room to the list of unique facilities regularly visited by VIP personalities such as Prime Ministers, top end European Commission officials, Ambassadors, industry representatives as well as other international stakeholders and organisations. To achieve the RADIO Project goals, the smart room will be used in the long term for industry and stakeholder visits, thus gaining high visibility (hospitals, health clinics etc.).



Figure 3: The RADIO Smart Room at NCSR "Demokritos" premises

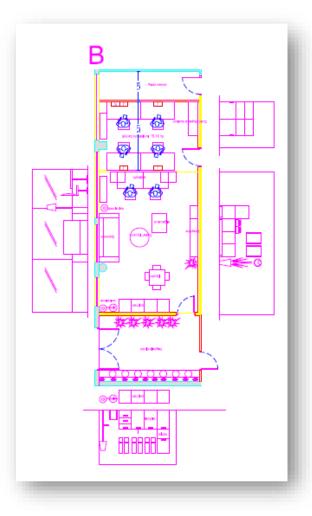


Figure 4: RADIO Smart Room layout



Figure 5: Proposed look of the RADIO Smart Room as designed by IKEA

#### 2.4 The RADIO Smart Home by TWG

TWG has developed, from scratch, a prototype Ambient Assisted House (AAL House) where RADIO technology will be installed. The AAL House is located near TWG's premises, at the premises of "Papacharalabios" public library of Nafpaktos and is fully supported by TWG's personnel. It is a 60 m² residence where AAL technology has been set up and is fully operational. The goal of the AAL House, apart from being used as an Ambient Assisted Laboratory, is to be used as a demonstration area of RADIO technology.

TWG has conducted a special agreement with "Papacharalabios" public library in Nafpaktos and the AAL House technology will be part of the daily visits of the library, which during summer time attracts more than 1.500 persons per month. Last but not least, the AAL House and RADIO technology will be demonstrated at Greek primary/high school students via web conferencing facilities.

As part of its dissemination policy, TWG has already promoted the AAL House and RADIO technology in Greek TV channels and the Press (http://aalhouse.esda-lab.cied.teiwest.gr/index.php/demo-media).

Apart from the Media, the RADIO Ambient Assisted Living House has drawn significant attention from technological sponsors worldwide.

More details are available here: http://aalhouse.esda-lab.cied.teiwest.gr.



Figure 6: 3D Representation of RADIO Ambient Assisted Living House







Living room & Bathroom

Bedroom

Figure 7: Rooms of the RADIO Ambient Assisted Living House





TWG's students working with RADIO technology

Interview of a student regarding RADIO technology; the interview was part of a three minute documentary from ERT (Greek National Broadcasting & Television)

Figure 8: RADIO Ambient Assisted Living House as an instrument of training and dissemination



Figure 9: RADIO Ambient Assisted Living House communication infrastructure



Figure 10: RADIO Ambient Assisted Living House technology sponsors



Figure 11: Ambient Assisted Living House website for promoting RADIO technology

#### 2.5 Online Presence - RADIO Website & Social Media

#### 2.5.1 RADIO Website

To ensure maximum visibility of the RADIO objectives and results we have set up a project website registered in the ".eu" domain.

#### RADIO Website URL: http://radio-project.eu

The Website has been **designed** and will be **maintained and promoted** during the next period following criteria and suggestions given in the EU Project Websites - Best Practice Guidelines (EC, 2010):

- <u>Visual communication</u>: use of colours and/or photos, web pages are easy to browse, information is kept short, and links are included to websites, publications, and so on.
- <u>Verbal communication</u>: the website uses simple phrasing; no jargon is used in order to attract the widest possible audience and is user friendly for mobile devices.
- <u>Visibility</u>: maximum use of free or affordable methods to increase page ranking on search engines, use of tools provided by search engines to check indexing status, good cross-linking between the different pages of the website and other sites, use of frequently used keyword search phrases both in the metadata and in the content of pages.
- Regular update of content: the Website is maintained by NCSR-D. The consortium members have been issued credentials that allow posting articles. RADIO social media link to these articles.
- <u>Monitoring and feedback tools</u>: the website includes a contact page for users and is linked to a Google Analytics account so as to monitor usability.

#### 2.5.2 RADIO on Social Media

Social Media is about more than marketing and branding. It's quickly becoming an essential part of customer outreach for brands. In addition to using social media to monitor conversations about their industry, competitors, and products, organisations increasingly reach out to their customers to communicate messages about what they have to offer. In fact, social media is transforming the way organisations communicate since the many social tools that are available today are very cost-effective compared to traditional approaches such as email and online advertising. Blog posts and tweets enable businesses to create communities, offer immediate feedback or assistance, and promote their products and services. At this moment Facebook, Twitter and LinkedIn are the social networks with more relevancies and with the best cost-benefit ratio.

Consortium partners will regularly produce information about RADIO which means they will publish articles, scientific advances and interesting project news will create videos, put together infographics and other material which will be disseminated to the public via the use of social media. NCSR-D will prepare at least two posts annually, based on the publishable summary of the periodic reports. All partners will contribute with further posts and audio-visual material based on project outcomes and activities. NCSR-D has the overall responsibility for overseeing the activity but all partners are expected to contribute content.

The RADIO logo is used consistently in all RADIO outcomes and dissemination activities in order to visually consolidate the RADIO online presence.





Figure 12: RADIO Logo

Figure 13: Homepage of RADIO project website



Figure 14: RADIO on Facebook



Figure 15: RADIO on Twitter

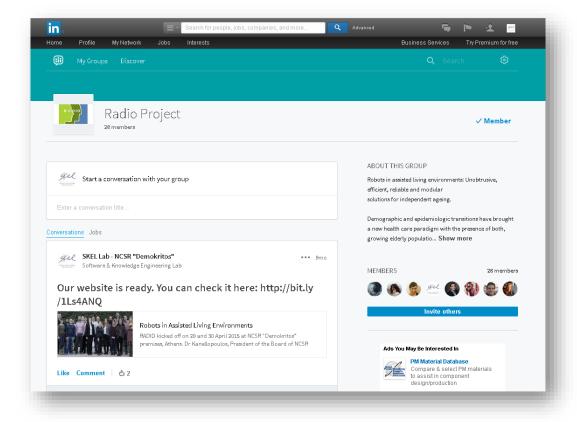


Figure 16: RADIO on LinkedIn

#### 3 STAKEHOLDER AWARENESS AND COMMUNICATION

#### 3.1 Participation in public awareness events

Appreciating the importance of outreach activities, RADIO partners will participate and organise several public awareness events. The purpose of these events will be to raise the awareness of the public on the impact of RADIO in society, but also to familiarize the general public with the key concepts underlying unobtrusiveness and privacy in RADIO. This aims at demystifying robotic assistants and care-givers and cultivating among the public the *perception* of privacy and the acceptance of privacy-preserving monitoring solutions such as those provided by the RADIO project.

More specifically, RADIO activities will:

- Promote the importance of the well-being of the elderly population and the relevant impact of RADIO and similar ICT solutions with talks and poster presentations.
- Increase public awareness about the risk of cognitive impairments, frailty and social exclusion and the relevant impact of RADIO and similar ICT solutions with talks and poster presentations.

Table 1 lists the specific events targeted during the second period of the project.

Public awareness events can be organised in liaison with national patient organisations related to, amongst others, elderly people, well-being, cognitive impairments, Alzheimer's disease and Dementia. Moreover, Science Festivals and "Meet the Scientist" events could be possible targets for participation. Invited talks by the members of RADIO partners can be given in several institutions from schools to hospitals. An educational program of school visits will also be organised at the RADIO lab at NCSR "Demokritos" premises, familiarising school children with robotics and automation in general, but also with the specific technologies and concepts of the RADIO action.

Event	Relevance	URL Address
Athens Science Festival, 5-10 April 2016, Athens, GR	NCSR-D will promote RADIO via a poster focusing on the use of robots in smart home environments and demonstrations of human pattern recognition methods.	http://www.athens-science- festival.gr
Patras Innovation Quest, 15-17 April 2016, Patras, GR	TWG will demonstrate AAL House, RADIO technology and RADIO robot demonstration to the public and academic community.	1 10
4 <sup>th</sup> Hellenic Forum for Science, Technology & Innovation, 11-15 July 2016, Athens, GR	NCSR-D will promote RADIO via presentations during workshops, poster displays as well as the opening of the RADIO smart room to conference delegates with organised visits and robot demonstration.	http://www.demokritos.gr/HF 2016/

Table 1: List of targeted public awareness events

#### 3.2 Industrial Dissemination Events

In the second year of RADIO, Robotnik will be presenting its research results and new products in the main industrial event of "AUTOMATICA 2016", which will be held in Munich during June 2016. AUTOMATICA is the leading trade fair for industrial automation and mechatronics. It is a four-day show that gives a comprehensive look at the latest developments in automation.

Table 2: List of targeted Industrial Dissemination events

Event	Relevance	URL Address
Big Data & Predictive Analytics for Telecoms Forum, 18 - 19 Apr 2016, Barcelona, ES	S&C: Premium event bringing together leading telecom network providers with specialist technology and service providers in one-to-one business meetings.	http://www.mesummit s.com/forums/index.a sp?eventID=22779#. VtavnvnhCUk
E!nnovest Venture Forum, 8-9 June 2016, Stockholm, SE	S&C: Forum during which companies present their achievements and business plans to business angels, venture capitalists and corporate investors.	http://www.eurekainn ovest.eu/events/view. aspx?events_pages_id =7438
AUTOMATICA 2016, 21-24 June 2016, Munich, DE	ROBOTNIK: Leading trade fair for industrial automation and mechatronics. Presentation of research results and new products	http://www.automatic a-munich.com/
IOT Solutions World Congress, 25 - 27 Oct 2016, Barcelona, ES	S&C: Industrial congress for IoT	http://www.iotsworldc ongress.com
Mobile World Congress, 27 Feb- 2 Mar 2017, Barcelona, ES	<i>S&amp;C:</i> Leading conference representing every facet of the mobile world ecosystem.	https://www.mobilew orldcongress.com
MEDICON 2016, 31 Mar - 2 April 2016, Paphos, CY	AVN: Conference on Medical and Biological Engineering and Computing Systems for the delivery of Healthcare Services.	http://medicon2016.or g/
MED'16, 24th Mediterranean Conference on Control & Automation, 21-24 June 2016, Athens, GR	AVN: Conference on Control and Automation	http://med2016.org/
DSD/SEAA'16, Eu romicro Conference on Digital System Design (DSD), 31 Aug - 2 Sept 2016, Limassol, CY	AVN: Conference on Digital System Design addressing all aspects of digital and mixed hardware/software system engineering, microarchitectures, digital circuits and VLSI techniques	http://dsd- seaa2016.cs.ucy.ac.cy /index.php?p=DSD20 16
VISION 2016, 8-10 November 2016, Stuttgart, DE	AVN: Trade fair for machine vision for the industry presenting latest products and services: from sensors to processors, from cables to cameras, from software to illumination systems.	http://www.messe- stuttgart.de/en/vision/

DATE 2017, 27-31 March, Laussane, CH	AVN: Conference and exhibition bringing together designers and design automation users, researchers and vendors, as well as specialists in the hardware and software design, test and manufacturing of electronic circuits and systems.	http://www.date- conference.com/
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#### 3.3 RADIO Technology Plug Fests

Open source code, encouraging using and hacking the system. All open source components published will be extensively documented by means of textual documents and screencasts of professional quality illustrating how to download, install and operate the components in question.

The organisation of focused technical workshops and plug fests that the project will annually organise for software developers and researchers working on similar technologies, who would like to experiment with RADIO components and tools.

In year two of the RADIO project, RUB will present a demo of the RADIO robot functionality in concert with the 23<sup>rd</sup> International Conference of Telecommunications (ICT2016, <a href="http://ict-2016.org">http://ict-2016.org</a>) in Thessaloniki, Greece. The conference will take place on 16-18 May 2016. Amongst the presentation of the RADIO project, the components of the robot will be introduced in a hands-on session. Furthermore, a short introduction to the ROS and its distributed application within the RADIO project will be given. The source code for all components provided by RUB (distributed ROS, PicoZed Linux environment) will be uploaded to an open source repository. In order to enable other researchers to build upon RADIOs results, manuals will be provided to set up their own RADIO robot.

Event	Relevance	URL Address
ICT2016, 23 <sup>rd</sup> International Conference of Telecommunications, 16-18 May 2016, Thessaloniki, GR	The RADIO project co-organises a workshop with EU H2020 funded projects ARGO and RAMCIP. TWG will organise the international workshop entitled "Trends and challenges of Cyber Physical Systems: Design, Architectures and Applications". The workshop will be attended by representatives of national and EU projects and researchers across Europe, relevant to RADIO activities.	http://ict-2016.org/#WS5

Table 3: List of targeted technology plug fests

#### 3.4 Dissemination to Regulatory Agencies

During the first year of the project, FHAG notified concession of the project to the International and European Project Services of the Grants Management Services (AGAUR), an agency that works for the regional government, Generalitat de Catalunya. FHAG also notified TicSalut, in charge of ICT projects in the health domain, and BIOCAT, a foundation that promotes biomedicine and biotechnology, both of Generalitat de Catalunya of the start of the project.

During this second year, FHAG will continue to update the state of the project and its outcomes to the Ticsalut Foundation.

Partner FHAG will also notify and publicize new conferences, seminars or activities organised for disseminating RADIO to Ticsalut, Biocat, and other research management institutions (like Itemas, Regic, Health Tech Cluster), that aggregate hospitals and other key players in the field and that could have an interest in the developed solutions provided by RADIO.

Partner Frontida Zois aims to disseminate the results of the RADIO project to the following stakeholders:

- Companies for distance care in ambient assisted living environments
- Municipality of Patras
- Respite centres in West Greece
- Upper Institute for Nurses, European and National Nurses Federation
- Geriatric association of West Greece
- Alzheimer Athens
- Centres for daily care of elderly people in West Greece
- Associations for supporting older people
- Association of Nurses and Midwives
- Nursing Directive at the Ministry of Health
- National Patient Association
- Care centres

Partner FSL aims to disseminate the results of the RADIO project to the stakeholders trough some internal meeting at FSL with patients and caregivers.

#### 3.5 Dissemination to Relevant Stakeholders

The RADIO project will be further disseminated internationally, beyond Europe to the USA, through the iPerform Center at the University of Texas at Arlington (http://iperform.uta.edu/). The iPerform Center is an NSF-funded research center having as primary mission is to bring together researchers from academia and industry to advance basic and applied research in Assistive Technologies to enhance human performance.

The coordinator of the RADIO project, Dr. Vangelis Karkaletsis, NCSR-D, as a member of the Industrial Advisory Board of the iPerform Center, will present the project activities in relevant iPerform events.

#### 4 ACADEMIC DISSEMINATION

#### 4.1 RADIO Public and Technical Reports on the Website

All public deliverables that are software prototypes will be developed as open source software on Bitbucket or similar infrastructures, allowing the academic community continuous access to the prototypes and the associated channels for raising and tracking issues. All public deliverables that are reports will be available for downloading from the RADIO website.

The RADIO website will also promote the project's scientific results by publishing five living documents, one for each of the following topics: ADL and mood recognition, user acceptance, low-power operation, smart home integration and medical data management. These will provide an appropriate entry point for researchers and, in general, a technically savvy readership, summarizing project outcomes and giving pointers to deliverables and publications for further details.

#### 4.2 Academic Publications and Presentations

Participation and presentation of the project's research and technology results in scientific journals, bulletins, conferences, and workshops related to the partners' research areas. Table 4 lists the venues targeted for disseminating RADIO outcomes.

Furthermore, we also foresee the promotion of the RADIO action to other units and departments within the consortium's organisations.

TWG and RUB have developed a book entitled *Components and Services for IoT platforms: paving the way for IoT standards*. The book will be published by Springer in June 2016. The goal of the book is to present the latest technologies related to IoT (Internet of Things) and act as a mechanism for bringing together well known scientists around the world. The RADIO project is also presented as part of the book.

Partner FHAG will present the project internally to all our healthcare professionals in a General Clinical Session in June, 2016. These sessions are envisaged as a meeting ground where topics related to clinical specialties and transversal or general healthcare issues are discussed.

Presentation of the project results in the Gerontechnology Journal, a scientific Journal in the field, is also envisaged.

Partner RUB will present the RADIO robots on the annual "Girls Day". The "Girls Day" tries to encourage young female pupils to start studying in the field of Science, Technology, Engineering, and Mathematics (STEM). By presenting the RADIO project to the visitors of the "Girls Day", RUB is able to introduce current and novel technology used in academia and industry to the broad public.

"Schülertag" is an event organised by the Faculty of Electrical Engineering. Here, interested pupils are allowed to visit each department and ask questions about the life at the university and current technological challenges. RUB will give a guided tour through the Electrical Engineering Faculty and show a live demo of the RADIO robots and their interaction with the Smart Home environment.

The PhD Day is organised by PhD students of the Faculty of Electrical Engineering of RUB. The goal is to exchange experience and information on the dissertation topics of the participating PhD students. Furthermore, every department has the opportunity to present their current research projects. In this context, RUB will present the RADIO project during a poster session.

### 4.3 Academic Events Organisation

RADIO dissemination foresees a series of annual workshops organised by the consortium on subjects of interest to RADIO. In this context, the table below indicates academic events which are planned by consortium partners.

Table 4: List of targeted academic venues

Venue	Relevance	Address
X edition Congress SIRAS 2016	High-impact venue for dissemination of RADIO outcomes on system usability	http://www.sirasonline.it
XII Congress SINDEM 2016 17-19 March, Florence, IT	High-impact venue for dissemination of RADIO outcomes on system usability and validity	http://www.sindem.it
6 <sup>th</sup> Intl Conf. Wireless Mobile Communication and Healthcare, Nov. 2016, Milan, IT	High-impact venue for disseminating RADIO outcomes on mobile communications and healthcare applications.	http://mobihealth.name/sho w/home
12 <sup>th</sup> IEEE World Conference on Factory Communication Systems Communication in Automation, 3-6 May 2016, Aveiro, PT	High-impact venues for disseminating RADIO outcomes on network communication related activities emphasizing on challenging application scenarios and requirements.	http://www.av.it.pt/wfcs201 6/admin/index.php
International Conference on Acoustics, Speech, and Signal Processing (ICASSP 2017), New Orleans, USA	High-impact venue for disseminating RADIO outcomes on sensor data analysis.	Not announced yet
Intl Conf. on Robotics and Automation (ICRA), 2017, Singapore	IEEE Robotics and Automation Society's biggest conference and one of the leading international forums for robotics researchers.	http://www.icra2017.org
Intl Workshop on Virtual Prototyping of Parallel and Embedded Systems (ViPES 2016), July 2016, Samos, GR	High-impact venues on reconfigurable and embedded computing for disseminating	http://www.vipes- workshop.org
Intl Conference on Embedded Computer Systems: Architecture, Modeling and Simulations, (SAMOS XVI), July 2016, Samos, GR	RADIO outcomes on robot/smart home integration, hardware acceleration, and low-energy onboard computation.	http://samos- conference.com/
ARES Special Session Privacy Aware ML, Saltzburg, 31 Aug – 2 Sep 2016	Specialized venue for presenting RADIO work on data privacy and security	http://hci-kdd.org/privacy- aware-machine-learning- for-data-science

12 <sup>th</sup> IEEE International Conference on Wireless and Mobile Computing, Networking & Communication, 17-19 Oct. 2016, New York, USA	High-impact venues for disseminating RADIO outcomes on robot/smart home communication and integration.	http://conferences.computer. org/wimob2016/index.html
International Symposium on Applied Reconfigurable Computing (ARC), March 2016, Rio de Janeiro, BR	High-impact venues for disseminating RADIO outcomes on hardware based design and development activities.	http://lcr.icmc.usp.br/arc201
23 <sup>rd</sup> Reconfigurable Architectures Workshop (RAW) in conjunction with the 30 <sup>th</sup> IEEE International Parallel & Distributed Processing Symposium (IPDPS), May 2016, Chicago, USA	computing for disseminating RADIO outcomes on robot/smart home integration, hardware acceleration, and low-energy on- board computation.	http://raw.necst.it/
IEEE Computer Society Annual Symposium on VLSI, July 2016, Pittsburgh, USA		http://www.isvlsi.org/
Innorobo 2016, 24-26 May 2016, Paris, FR	Innorobo is a human-scale event to stimulate a true dialog on the role of robots in our society and to show the impact of new technologies in our professional and personal everyday lives.	https://innorobo.com/en/home/
58 <sup>th</sup> Congreso de la Sociedad Española de Geriatría y Gerontología, 8-10 June 2016, Seville, ES	High-impact venue for disseminating RADIO outcomes to geriatrics professionals	http://geriatria2016.com/ind ex.php
European Union Geriatric Medicine Society Congress (EUGMS 2016), 5-7 October 2016, Lisbon, PT	High-impact venue for disseminating RADIO outcomes to geriatrics professionals	http://www.eugms.org/2016 .html