



Consolidation of final review AAL JP Call 1 projects

ANNEX 1



ANNEX 1: Call I - AAL projects publications¹

PROJECT: A2E2

Roelofsma, P.H.M.P. & Kurt, S. (2013) A Framework for Virtual Coaching: Modeling Expert, Motivator and Mentor coaches. In: Augusto, J.C., Bosse, T., Castelfranchi, C. Cook, D., Neerincx, M, Sadri, F. (eds) *Human aspects in Ambient Intelligence.*

Frost, J, Roelofsma, P.H.M.P. & Boukris, N. Virtual Coaches and Intrinsic Motivation: The Role of Parasocial Interaction. Paper submitted to: Communication Research Reports.

Roelofsma, P.H.M.P (2012). A Taxonomy of Ambient Assisted Living Self-Management Systems. In: Bierhoff, I., Nap, H.H., Rijnen, W. & Wichert, R, *Partnerships for Social Innovation in Europe*, *Proceedings of the AAL Forum Lecce*, pg 59-64. 4

Roelofsma, P.H.M.P (2012). User Acceptance of Virtual Coaches in AAL to Motivate Elderly for Physically and Social activity. In: Bierhoff, I., Nap, H.H., Rijnen, W. & Wichert, R, *Partnerships for Social Innovation in Europe, Proceedings of the AAL Forum Lecce*, pg 136-

Publications (scientific or other), which are the direct result from the project work Roelofsma, P.H.M.P. (2012). How Avatar Based Communication Can Improve Decision Making Quality. *Aml Workshops Proceedings Amsterdam*, pg 175-180

Roelofsma, P.H.M.P. & Versteeg, L (2012). Preference for Combining or Separating Events in Human and Avatar Decisions. *Aml Workshops Proceedings*, pg 181-183.

Versteeg, L. Roelofsma, P.H.M.P. (2012). Sex Differences in User Acceptance of Avatars. *Aml Workshops Proceedings*, pg 189-191 Frost, J, Boukris, N, Roelofsma, P. (2012). We like to move it move it!: motivation and parasocial interaction,. *CHI Extended Abstracts* 2012, 2465-2470.

Roelofsma, P.H.M.P. & Kurt, S. (2012) A Framework for Virtual Coaching for Breaking Sedentary Life Styles: Modeling Expert, Motivator and Mentor coaches. *HAI AMI Workshops Proceedings*, Pisa, pg 35-48.

Ferring, D., Reljic, G., Roelofsma, P. (2012). "Why do we need it?" – An analysis of the affective-motivational factors in the use of assistive technologies. Proceedings of the AAL Forum Eindhoven, September 24-27.

Roelofsma, P., Ferring, D., Reljic, G. (2012). "Where do we go from here?" – A preliminary evaluation of the EU Ambient Assisted Living

¹ All the publications fuinded under Call 1 are reported in this document, ex[pcet for the project CCE



	(AAL) Programs. Proceedings of the AAL Forum Eindhoven,
	September 24-27.
	Braun, A., Roelofsma, P.H.M.P., Ferring, D. & Immonen, M. (2011). Empowering and Integrating Senior Citizens by Virtual Coaching. <i>Lecture Notes in Computer Science</i> , <i>10</i> , 369-370.
	Merilahti J., Ermes M. (2011): 3D accelerometer features" differences between young and older adults, and between lower back and neck band sensor placements. Submitted to 33rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC "11), 30 August-3 September, 2011, Boston, U.S.A.
	Merilahti, J., Pärkkä, J, Korhonen, I. Connections of daytime napping and vigilance measures to activity behaviour and physical functioning. Biomedical Engineering (Biomed 2011) February 16 – 18, 2011 Innsbruck, Austria. in Proceeding (723) Biomedical Engineering. (2011)
	Merilahti, J., Pärkkä, J, Korhonen, I. Estimating older people"s physical functioning with automated health monitoring technologies at home: feature correlations and multivariate models, International Workshop on Health and Well-being Technologies and Services for Elderly (HWTS 2011) 11 May 2011, Oulu, Finland.
	Ritterfeld, U., Roelofsma, P., Haring, P. Chakinska, D, & Van den Bosch, M. (2010). Head First Into Serious Health Gaming: a2e2 as a new approach of digital exercise coaching for seniors. International Journal of Computer Science in Sport, 9(2), 85-94.
	Roelofsma, P.H.M.P., Liem, H. Companjen, F. & Klijsen, B.(2009). Building Cooperative Care Communities, <i>Health Estate Journal</i> 2009, 63(10), 29-35.
Other dissemination activities	Other dissemination was on elderly conferences, public magazines, and on television programmes
Type and size of audience reached by dissemination activities	Total estimated size of several millions of people.

PROJECT: AGNES Ballesteros, S. (2012). Ageing Brains, Cognitive Processing and Training with Videogames. 2nd International Conference on Aging, Cognition, and Neuroscience, in Madrid, December 2012 Ballesteros, S. (2012). Invited Address. Cognitive and brain aging: Using nformation computing technology to reduce cognitive decline. 30th International Congress of Psychology, Cape Town, South Africa, 22-27 July, 2012. Ballesteros, S. Waterworth, J.A., Mayas, J., Reales, J.M.,& Sebastian, M.(2011), The role of information computer technology



Publications (scientific or other), which are the direct result from the project work and networking in healthy aging. Aging Clinical and Experimental Research, Vol. 23, Suppl. to No.1 February 2011, p. 113.

Ballesteros, S., Peter, C., Waterworth, E. L., and Waterworth, J. A. 2012. The role of ICT and networking in healthy aging. In: The 5th ACM International Conference on PErvasive Technologies Related to Assistive Environments: PETRA 2012 [CD-ROM].New York: ACM, 2012.

Ballesteros, Soledad, Pilar Toril, Julia Mayas, José M. Reales & John Waterworth (2012) 'The Role of a New ICT Home Environment in Healthy Ageing'. BRAID conference in Prague, May 28.

Bieber G., Koldrack P., Sablowski C., Peter C., Urban B. (2010). Mobile physical activity recognition of Stand-Up and Sit-Down Transitions for User Behavior Analysis. The 3rd ACM International Conference on PErvasive Technologies Related to Assistive Environments: PETRA 2010 [CD-ROM].New York: ACM, 2010.

Bieber, G., Haescher, M., Peter, C., Aehnelt, M., Richter, C. & Gohlke, H., (2011), 'Handsfree Interaction mittels Handgelenkssensoren für mobile Assistenzsysteme", 6. Kongress Multimediatechnik Wismar 2011, pp.34-40, Hochschule Wismar. Bieber, G., Luthardt, A., Peter, C. & Urban, B., (2011), "The hearing trousers pocket -- activity recognition by alternative sensors", Association for Computing Machinery (ACM): The 4th ACM International Conference on PErvasive Technologies Related to Assistive Environments: PETRA 2011, pp.123-128, ACM. Bieber, Gerald; Hoffmeyer, André; Gutzeit, Enrico; Peter, Christian; Urban, Bodo:Activity Monitoring by Fusion of Optical and Mechanical Tracking Technologies for User Behavior Analysis.In: The 2nd ACM International Conference on PErvasive Technologies Related to Assistive Environments: PETRA 2009 [CD-ROM].New York: ACM, 2009, 6 p. ISBN 978-1-60558-409-6.

Hoshi, K (2011). Reframing Dichotomies: Human Experiential Design of Healthcare Technologies. In Ziefle, M & Röcker, C (Eds.), Human-Centered Design of E-Health Technologies: Concepts, Methods and Applications. Hershey, PA, USA: IGI Global.

Hoshi, Kei, Annakarin Nyberg& Fredrik Ohberg (2011). Bridging the Contextual Reality Gap in Blended Reality Space: the case of AGNES. Proceedings of Include 2011. Royal College of Art, London, April 2011.

Hoshi, Kei, Fredrik Ohberg & Annakarin Nyberg (2011). Designing blended reality space: conceptual foundations and applications The 25th British Computer Society Conference on Human Computer Interaction - HCl2011: Health, Wealth & Happiness. Newcastle, UK, 4-8 July 2011.

Peter, C., Bieber G., Urban B. (2010). Affect- and Behaviour-Related Assistance for ramilies in the Home Environment. The 3rd ACM International Conference on PErvasive Technologies Related



to Assistive Environments: PETRA 2010 [CD-ROM].New York: ACM, 2010. New York: ACM, 2010. ISBN:978-1-4503-0071-1

Peter, C., Kreiner, A., Schröter, M., Bieber, G. W. & Waterworth, J. A. (2012). The AGNES system for Ambient Social Interaction. In: The 5th ACM International Conference on PErvasive Technologies Related to Assistive Environments: PETRA 2012 [CD-ROM].New York: ACM, 2012.

Schröder, M., Baggia, P., Burkhardt, F., Pelachaud, C., Peter, C. & Zovato, E., (2011), "EmotionML -- an upcoming standard for representing emotions and related states", Proc. Affective Computing and Intelligent Interaction, Vol.6975, pp.316325, Springer.

Schröder, M., Baggia, P., Burkhardt, F., Pelachaud, C., Peter, C. & Zovato, E., (2011), "Emotion Markup Language (EmotionML) 1.0".

Schröder, M., Pelachaud, C., Ashimura, K., Baggia, P., Burkhardt, F., Oltramari, A., Peter, C. & Zovato, E., (2011), "Vocabularies for EmotionML".

Schröder, M., Pirker, H., Lamolle, M., Burkhardt, F., Peter, C. & Zovato, E., Petta,

P., Cowie, R. & Pelachaud, C. (ed.) (2011), "Representing emotions and related

states in technological systems", Emotion-Oriented Systems - The Humaine

Handbook, pp.367-386, Springer.....

Waterworth J.A., Ballesteros S. & Peter C. User-sensitive Home-based Systems for Successful Ageing. Proceedings of the 2nd international conference on Human System Interaction. Catania, Italy, May 2009. IEEE Computer Society (2009). Pp 542- 545. ISBN 978-1-4244-3960-7

Waterworth, E. L., Waterworth, J. A., Ballesteros, S., Peter, C. 2012. Seniors in charge of new ICT innovation. In: The 5th ACM International Conference on PErvasive Technologies Related to Assistive Environments: PETRA 2012 [CD-ROM].New York: ACM, 2012

Waterworth, J. A. (2010) User involvement in the innovation process. AGNES presentation at ICT2010.

Waterworth, J. A. (2012). The AGNES Project: Elderly Users as Co-Designers of Supportive ICT. 2nd International Conference on Aging, Cognition, and Neuroscience. Madrid, December 2012. Waterworth, J. A., Ballesteros, S. & Peter, C. (2009). Usersensitive Home-based Systems for Successful Ageing. Proceedings of HSI 2009 - 2nd international conference on Human System Interaction. Catania, Italy, May 2009. Waterworth, J. A., Ballesteros, S., Peter, C., Bieber, G. et al. (2009). Ageing in a Networked Society - Social Inclusion and



Othor	Mental Stimulation. Workshop on Affect and Behaviour Related Assistance in Support for the Elderly. PETRA conference, Corfu, Greece, June 2009. In: The 2nd ACM International Conference on PErvasive Technologies Related to Assistive Environments: PETRA 2009 [CD-ROM].New York: ACM, 2009, 6 p. ISBN 978-1-60558-409-6. Waterworth, J. A., Ballesteros, S., Peter, C., Bieber, G. et al. (2009). Ageing in a Networked Society - Social Inclusion and Mental Stimulation. Presented at Workshop on Affect and Behaviour Related Assistance in Support for the Elderly. Corfu, Greece, June 2009. Waterworth, J. A., Lundström, R. & Waterworth, E. L. (2010). AGNES - User-sensitive Home-based Systems for Successful Ageing in a Networked Society. MTD 2010 Medicinteknikdagarna 2010, Umeä, Sweden, October 6-7, 2010 Waterworth, J.A. (2009). User-Sensitive Home-based Systems for Successful Ageing in a Networked Society (AGNES). Presentation to AAL Forum 09, Vienna, Austria, October 2009. Student Theses Luana Donetti (2011) AMBIENT DISPLAY AND TANGIBLE INTERACTION TO SUPPORT ELDERLY PEOPLE: The AGNES project and its possible evolution. UNIVERSITA' DEGLI STUDI DI MIL ANO-BICOCCA, Faculty of Psychology and Mathematics, Physics and Natural Sciences. Master Degree in Theory and Technology of Communication. Kei Hoshi (2012) Here and now: Foundations and practice of human-experiential design. Umeä University, Sweden, Department of Informatics, PhD Thesis, RR 12/01.
Other dissemination activities	In addition to the scientific dissemination activities by the project partners, specific "promotional activities" have been undertaken in the context of healthcare services at local, regional and national scale, and also with international telecommunication companies.
Type and size of audience reached by dissemination activities	See table below

Project participant responsible (indicate country)	Activity and reference	Date	Medium (press, event, newsletter, webpage, etc.)	Indicative coverage
UmU Sweden	Feature on AGNES in the "Frâga Doktorn" (ask the doctor) popular science TV programme from SVT.	To be broadcast in March or April 2013	National TV programme	All Sweden
UmU, Sweden	"Vi I Villa" magazine Nr:11.12 Page 10. Article on AGNES and ambient interaction objects: "Smarta Prylen"	October 2012	Popular magazine article	All Sweden
UmU, Sweden	Vasterbottens Folkblad, 22.02.2012 Page 8 "Platt fall för aktivare liv"	Feb 22 2012	Newsspaper article	Regional



UmU, Sweden	Euronews TV programme in several languages: http://www.euronews.net/2012/0172 4/healthier-ageing-is-iust-a-click-	6/02/2012	TV Programme	Internation al
UmU, Sweden	äway Östgöta Correspondenten, 22.12.2011. Pages C1-C3.	22 Dec 2011	Newspaper article	Regional
UmU, Sweden	Presentation on AGNES project at "Stora Demensdagen" ("Big Dementia Day") Target: Medical practitioners, administrators, politicians, the media, the public	16/11/2011	Event	National
UmU, Sweden		18/05/2011	Press	National
UmU, Sweden	IT I Vârden	September 2011	Newspaper supplement	National
UmU, Sweden	http://www.tv4play.se/nyheter_och_debatt/nyheterna_umea?title=tv4nyheterna_umea_06_34&videoid=1647998 TV news, from 2:45 mins	2011	TV News	National
UmU, Sweden	http://sverigesradio.se/sida/default.aspx?programid=273	2011	Radio programme	National
UmU, Sweden	http://www.ovik.umu.se/om-campus- ornskoldsvik/nyheter/nyhetsvisning/ /aldre-vasterbottninga r-testa r-ny- teknik-for-okad-livskvalitet.cid160627	2011	University website	Regional
UmU, Sweden	http://www.infotechumea.se/interakt iva-gardiner-kan-oka-aldres- sociala-kontakter	2011	Website	National
UmU, Sweden	http://norran.se/nyheter/norrochvast	2011	Newspaper article (and film on web)	Regional
	erbotten/article1173690.ece			
UmU, Sweden	Vasterbottens Kuriren	19/04/2011	Newspaper article	Regional
UmU, Sweden		19/04/2011	Newspaper article	Regional
UmU, Sweden	http://www.fof.Se/tidning/2011/6/interaktiva-gardiner-bryter-ensamheten	Nr 6 August, 2011	Scientific newspaper article	National
·	Dagens Medicin	21, September 2011	Newspaper article	National
	"Ny Teknik med Fokus pa Aldre" in Har & Nu,	Nr 6, September 2011	Newspaper article	National
UmU, Sweden	ů i	22 December 2011	Newspaper article	Regional
UmU	Publicity material distributed	02/02/2010	Arctic E-health conference 2010	Sweden/Re gion
UmU Sweden		/03/2010	Press release	Sweden
UmU Sweden	Article in a daily paper Vasterbottens Kuriren, Sweden	/04/2010	News paper article	Sweden
UmU Sweden	Presentation of user involvement in the project	27/09/2010	Presented at ICT 2010	EU event
UmU Sweden	Presentation of the project	/09/2010	Regional Innovation conference in Finland	Baltic region
UmU Sweden	Presentation of project ambient interaction	/10/2010	Medicinteknikdagar na 2010, Umeâ	Sweden



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TUG,	International workshop at PETRAe	25/05/2011	Workshop	Internation
Fraunhofer	conference		organized	al
Germany				
Fraunhofer	Presentation of project	12/04/2010	CeBIT 2010*	Internation
Germany	Na Canalana an Can	45/00/0044	December	al
TUG	National convention	15/06/2011	Presentation	National
TUG,	Press article	Oct/2011	D	Internation
Fraunhofer			Press	al
Germany	latera etia a al cue de ab en et DETDA e	/00/0040		lata a atia a
TUG/Fraunh	International work shop at PETRAe	/06/2010	Workshop	Internation
ofer Germany and Austria	conference		organised	al
	Dross release shout Ambient	00 March 0044	_	Netional
KMOP (GR)	Press release about Ambient	22 March 2011	Press release	National
	Assisted Technologies and the		Press release	
KMOD (CD)	Agnes system (in Greek)	A m wil 2011		Netional
KMOP (GR)	Article about the progress of Agnes	April 2011	Newsletter	National and EU
	and the operation of pilot sites in KMOP's newsletter (Spring Issue,		Newsiettei	and EU
	, , ,			
	English version)			
KMOP (GR)	Dissemination of the Agnes brochure	January 2011 to		National
	(Greek version) in various national	date	D I	
	events as well as through KMOP's		Brochure	
	services to elderly (8 Help at Home			
1(110D (0D)	project across Greece)	N		NI di I
KMOP (GR)	Interview of Ms Antonia Torrens,	November 2010		National
	Managing Director of KMOP about			
	the AAL projects that KMOP			
	participates as end-user		Interview	
	organization, including AGNES, and their progress, to the electronic			
	journal Piraeus News			
	(www.piraeusnews.gr).			
KMOP (GR)	In April 2012 the spring issue of	May 2012		National
I KWOI (GIK)	KMOP's newsletter was produced	IVIAY 2012		and EU
	and disseminated widely in a variety			u.i.a 20
	of partner organisations,			
	stakeholders and professionals. This		N 1 1 11	
	issue also included a section		Newsletter	
	dedicated to the Ambient Assisted			
	Living Programme titled "Smart			
	Eldercare Solutions" with specific			
	reference to the AGNES project			
KMOP (GR)	Information on AGNES is provided	2011		Greece/
	via KMOP's website		wahaita	Internation
			website	all
				у
UNED Spain	TV programme on UNED channel	From April 2011		National
	http://agnes-	•		
	aal.eu/site/index.php?option=com		TV programme	
	content&view=article&id=12&Itemid			
	=20			
UNED Spain	TV programme	30/03/2010		Spanish
			TV programme	national
				television



ONDA Italy	Presentation of project	19/04/2010	Domus Persona fair on Telehealth	Italy/Interna t ional
			and home automation	

PROJECT: ALADDIN

cientific publications:

- 1. KONSTANTINOS PERAKIS, MARIA HARITOU, DIMITRIS KOUTSOURIS, «ALADDIN, A TECHNOLOGY PLATFORM FOR THE ASSISTED LIVING OF DEMENTIA ELDERLY INDIVIDUALS AND THEIR CARERS», THE INTERNATIONAL WORKSHOP OF AMBIENT ASSISTED LIVING 2009(IWAAL'09), S. OMATU ET AL. (EDS.): IWAAN 2009, PART II, LNCS 5518, PP. 878881, 2009, SALAMANCA, SPAIN, JUNE 10-12, 2009.
 - STEFANOS XEFTERIS, MARIA HARITOU, KONSTANTINOS TSERPES, ALESSANDRO SERRETTI, JOSEP RAMON LLOPART, RAFFAELLA CALATI, THEODORA VARVARIGOU, (REQUIREMENTS AND SPECIFICATIONS' ANALYSIS FOR A MONITORING SYSTEM TO SUPPORT THE SELF-MANAGEMENT OF DEMENTIA PATIENTS AT HOME», THE 3RD INTERNATIONAL CONFERENCE ON PERVASIVE TECHNOLOGIES RELATED TO ASSISTIVE ENVIRONMENTS (PETRA2010), SAMOS, GREECE, 23-25 JUNE 2010, DAY 1, W1.6.
 - 3. Stefanos Xefteris, Aggelos Androulidakis, Maria Haritou, Andrey Baboshin, Yuri Glickman, Francesco D'Andria, Konstantinos Tserpes, Theodora Varvarigou, «Enabling Risk Assessment and Analysis by Event Detection in Dementia Patients Using a Reconfigurable Rule Set», The 4th International Conference on PErvasive Technologies Related to Assistive Environments (PETRA2011), Crete, Greece, 25-27 May 2011.
 - 4. I. SAEZ, M. OLIVERAS, M. J. CIUDAD, I. FORT, J. R. LLOPART, M. HARITOU AND ALADDIN RESEARCH CONSORTIUM, "A **Technology Platform for the Assisted Living of Dementia Elderly Individuals and their Carers"**, Poster presentation at the 7th Congress of the European Union Geriatric Medicine Society (EUGMS), 28 September 2011, Malaga, Spain.
 - 5. CUNO, SILKE AND YURI GLICKMAN, ANDREJ BABOSHIN, MARIA HARITOU, ALESSANDRO SERRETTI, AGGELOS ANDROULIDAKIS, RAFFAELLA CALATI: MANAGEMENT, MONITORING AND SUPPORTING DEMENTIA PATIENTS AT HOME BY ALADDIN, ECHALLENGES E-2011 CONFERENCE PROCEEDINGS, PAUL CUNNINGHAM AND MIRIAM CUNNINGHAM (EDS), IIMC INTERNATIONAL INFORMATION MANAGEMENT CORPORATION, 2011, ISBN: 978-1-905824-27-4, COPYRIGHT © 2011 THE AUTHORS www.eChallenges.org.

Publications (scientific or other), which are the direct result from the project work



6. M. HARITOU, Y. GLICKMAN, A. ANDROULIDAKIS, S. XEFTERIS, A. ANASTASIOU, A. BABOSHIN, S. CUNO, D. KOUTSOURIS, "A TECHNOLOGY PLATFORM FOR A NOVEL HOME CARE DELIVERY SERVICE TO PATIENTS WITH DEMENTIA", SPECIAL ISSUE ON UBIQUITOUS COMPUTING IN HEALTHCARE (UCH), JOURNAL OF MEDICAL IMAGING AND HEALTH INFORMATICS, (ACCEPTED, IN PRESS).

Other publications:

 Maria Haritou, Yuri Glickman: "ALADDIN: a wish come true for dementia patients", in Science, technology and Innovation, AAL Forum Special edition, Project's Magazine, Insight Publishers Ltd, September 2011, Page 16-18, ISSN

2040-7335.

- 2. Maria Haritou, Silke Cuno, Yuri Glickman, Aggelos Androulidakis, Andrej Baboshin, "ALADDIN: A home care system for the efficient monitoring of elderly people with dementia" Proceedings of the AAL Forum 2011, 25-28 September 2011, Lecce, Italy, (In press)
- 3. MARIA HARITOU, YURI GLICKMAN, AGGELOS ANDROULIDAKIS, STEFANOS XEFTERIS, ATHANASIOS ANASTASIOU, ANDREJ BABOSHIN, SILKE CUNO, DIMITRIS KOUTSOURIS, "ALADDIN: A HOME CARE SYSTEM FOR THE EFFICIENT MONITORING OF ELDERLY PEOPLE WITH DEMENTIA", POSTER PRESENTATION AT THE 4TH PAN-HELLENIC CONFERENCE ON BIOMEDICAL TECHNOLOGY, 20-21 JANUARY 2012, ATHENS, GREECE

THE MAJOR DISSEMINATION ACTIVITIES OF THE ALADDIN PROJECT HAVE BEEN PERFORMED THROUGH THE FOLLOWING PROMOTION CHANNELS:

- THE ALADDIN WEB-SITE (www.aladdin-project.eu)
 - THE PUBLICATION OF PAPERS IN SCIENTIFIC JOURNALS AND OTHER MEDIA SIX PUBLICATIONS IN PEER-REVIEWED SCIENTIFIC JOURNALS AND CONFERENCE PROCEEDINGS AND THREE PUBLICATIONS IN OTHER MEDIA AS LISTED ABOVE
- THE PRODUCTION OF PROMOTIONAL MATERIAL
- > ONE PROJECT-INTRODUCTORY FLYER PRODUCED BY ICCS
- > ONE SYSTEM-DESCRIBING FLYER PRODUCED BY FOKUS IN GERMAN AND ENGLISH
- > ONE PILOT-RECRUITMENT FLYER PRODUCED BY BSA IN CATALAN AND SPANISH
 - > INFORMATION PACKAGE FOR PILOT RECRUITMENT BY NHNN AND PHA IN ENGLISH AND GREEK RESPECTIVELY
 - > ONE BROCHURE IN GREEK FOR PHA OUTPATIENT MEMORY CLINIC THAT WAS THE MAIN BASE FOR PATIENT RECRUITMENT IN THE ALADDIN PROJECT.
- > TWO PROJECT POSTERS, PRODUCED BY BSA AND FOKUS RESPECTIVELY
- > PRESENTATION OF ALADDIN SYSTEM AT THE PROJECT'S MAGAZINE, ISSUES OF SEPTEMBER (http://viewer.zmags.com/publication/17a3c8ec#/17a3c8ec/1) AND

Other dissemination activities



	November
	(http://viewer.zmags.com/publication/78fc1aa2#/78fc1aa2/1)
	> THREE PROJECT VIDEOS IN TV OR WEB BROADCASTS:
	■ La Setmana. Badalona TV and other local TVs.
	6/1/2012, http://tvbadalona.xiptv.cat/la-setmana/capitol/capitol-383
	(6'45" -13'23"). Broadcasted several times during the day
	■ SET DIES. BADALONA TV. 23/12/2011
	■ EURONEWS CHANNEL (BY JULIAN GOMEZ)
	http://www.euronews.net/2012/01/24/healthier-ageing-is-just-a-click-
	<u>away/</u>
	 CONTRIBUTIONS TO SEMINARS AND CONFERENCES
	More than 15 presentations given by project partners at
	VARIOUS EVENTS OF RELEVANCE TO THE PROJECT'S SCOPE,
	INCLUDING THE 3 AAL FORUMS OF 2009, 2010 AND 2011 (DETAILED
	LIST IS PROVIDED IN D7.1-2: FINAL DISSEMINATION ACTIVITIES
	REPORT)
	On-site demonstrations and workshops
	> On-site demonstration and training of the end-users
	AT THE 3 PILOT SITES
	> A PROJECT WORKSHOP IN THE FRAMEWORK OF THE "SALON
	AVANTE" EXHIBITION, JUNE 2010, BARCELONA
	> FINAL PROJECT WORKSHOP IN THE FRAMEWORK OF THE "E-
	HEALTH DAY" ORGANIZED BY THE CATALAN DEPT. OF HEALTH AND
	SOCIAL SERVICES, DECEMBER 2011, BARCELONA
Type and size of	THE TYPE OF AUDIENCE REACHED THROUGH THE VARIOUS CHANNELS
audience reached	OF DISSEMINATION USED IN THE PROJECT, INCLUDES ICT-RELATED,
by dissemination	AAL-RELATED, THE MEDICAL COMMUNITY, HEALTH AUTHORITIES AND
activities	ADMINISTRATIONS, PATIENT AND CARER ASSOCIATIONS AND THE
	GENERAL PUBLIC.
	IT IS DIFFICULT TO ESTIMATE THE SIZE OF THE AUDIENCE, HOWEVER,
	IT SHOULD BE OF THE ORDER OF SEVERAL THOUSANDS, TAKING INTO
	ACCOUNT THE PENETRATION OF THE ABOVE DESCRIBED
	DISSEMINATION CHANNELS INTO THE RTD COMMUNITY AND THE
	GENERAL SOCIETY.

PROJECT: AMICA

Usability and Human Machine Interface in the AMICA project (Presentation and demonstrator). INTERNATIONAL WORKSHOP ON SCIENTIFIC RESEARCH - FUNDACION IAVANTE. Guest Lecture. Granada. Spain. 2009

Mario Crespo Miguel, Daniel Sanchez Morillo, Miguel Angel Fernandez, Felipe Crespo

AMICA - Verhinderung von Exazerbationen bei COPD. Authors: Tom Zentek, Christophe Kunze, Nicole Groß, Asarnusch Rashid. AAL Kongress 2010 in Berlin (Germany)

AMICA Telemedicine platform based on ICT for the efficient control and management of chronic elderly patients with COPD. Authors: Luis F. Crespo, Mario Crespo, Daniel Sanchez. International Congress of Engineering. Tetuan (Morocco). March 2010

Development of a linguistic interface for COPD patients in AMICA. Mario Crespo, Daniel Sanchez, Luis F. Crespo, International Congress of Engineering. Tetuan (Morocco). March 2010



AMICA telemedicine platform: a design for management of elderly people with COPD

L. F. Crespo Foix, D. Sanchez Morillo, M. Crespo Miguel, K. Giokas et al . Publicacion: 9th international conference on information technology and applications in biomedicine, itab 2009 (ieee engineering in medicine and biology society)

Telemonitoring in AMICA: a design based on and for COPD. L. F. Crespo Foix, D. Sanchez Morillo, M. Crespo Miguel, K. Giokas et al . Publicacion: 10th international conference on information technology and applications in biomedicine, itab 2010 (ieee engineering in medicine and biology society)

Publications (scientific or other), which are the direct result from the project work Collaborative Dialogue Agent for COPD Self-Management in AMICA: A first Insight. Advances in Practical Applications of Agents and Multiagents System. Mario Crespo, Daniel Morillo, Felipe Crespo, et al. Springer ISBN 978-3-642-12383-2 Warsaw Poland 2010

Development and evaluation of service concepts improving life quality of COPD patients and informal caregivers (AAL Forum 2011, Lecce, Italv):

Authors:T. Zentek, N.Gross, D.SanchezMorillo, A.Leon Jimenez, C.Kunze, A.Rashid

AMICA - COPD Management; Telemedizin für eine verbesserte Versorgung von COPD-Patienten (Medica 2011 - VDE Initiative MikroMedizin, Düsseldorf, Germany); Authors: N.Gross, S. Heuer, T.Zentek

Development of an automated questionnaire for the early detection of COPD exacerbations. Publication: European Respiratory Journal 2011. Amsterdam, Holland. ISSN: 0904-1850. A. Leon, S. Astorga, M. Crespo Miguel, Daniel Sanchez, I. Fitalde, LF Crespo

Desarrollo de un cuestionario para la detección automatizada de las exacerbaciones de la enfermedad pulmonar obstructiva crönica. XXXVII Congreso Neumosur ISSN 1889-7347. Campo de Gibraltar, Cadiz - Spain.

S. Astorga, A. Leön, Mario Crespo, D. Sanchez Morillo, F. Crespo, I. Failde.

Estudio piloto de validación de un cuestionario automatizado para la detección precoz de las exacerbaciones de la enfermedad pulmonar obstructiva crónica. XXXVII Congreso Neumosur. : ISSN 1889-7347. Campo de Gibraltar, Cadiz - Spain.

S. Astorga, A. Leön, M. Crespo, D. Sanchez Morillo, F. Crespo, I. Failde

Linguistic capabilities in a Self-Management Medical device to Improve Usability of elderly people. CCII-2011. International Congress of Engineering. ISBN: 978-84-694-4025-4. Algeciras .Spain Mario Crespo Miguel, Daniel Sanchez Morillo, Miguel Angel Fernandez, Felipe Crespo



Usability and Human Machine Interface in the AMICA project (Presentation and demonstrator). INTERNATIONAL WORKSHOP ON SCIENTIFIC RESEARCH - DORICH GROUP OF EUROPEAN UNIVERSITIES ON AGEING POPULATION. Guest Lecture (Comunication). Cadiz. Spain.

Mario Crespo Miguel, Daniel Sanchez Morillo, Miguel Angel Fernandez, Felipe Crespo

Automated frequency domain analysis of oxygen saturation as a screening tool for SAHS. Medical Engineering & Physics. 2011 Dec 1. PubMed PMID: 22149408. 4 Morillo DS, Gross N, Leon A, Crespo LF.

Registro electronico para pacientes de EPOC hospitalizados por exacerbacion de su enfermedad. Sociedad Espanola de Ingenierfa Biomedica. Congreso: CASEIB 2011. XXIX . ISBN: 978-84-615-5434-8. Caceres (Spain)

D. Gonzalez Rodriguez, D. Sanchez Morillo, A. Leon, LF Crespo Foix, M. Lopez Coello

Cuestionario Automatizado para la deteccion temprana de Exacerbaciones (CAEE) de EPOC. Sociedad Espanola de Ingenierfa Biomedica. Congreso: CASEIB 2011. XXIX .ISBN: 978-84-615-5434-8.Caceres (Spain)

D. Gonzalez Rodrfguez, D. Sanchez Morillo, A. Leon, LF Crespo Foix, M. Lopez Coello

Telemonitoring und elektronische Fallakten - leitliniengerechtes (telemedizinisches) Versorgungsmanagement am Beispiel der Chronischen Herzinsuffizienz. Fachkongress IT-Trends Medizin / Health Telematics, 21.09.2011, Essen (2011); Authors: M Hübschen, F Albashiti

Gesundheits-psychologische Motivationskonzepte bei chronisch obstruktiver Lungenerkrankung COPD im Projekt AMICA. 4. AAL-Kongress 2011 - Kongressband, 25. - 26.01.2011, Berlin (2011); Authors: N Groß, C Baumann, H Korb, C Kunze, A Rashid, F Sauter, T Zentek

The major dissemination activities of the AMICA Project have been performed through:

- AMICA website (http://www.amica-aal.com/)
- · Production of promotional material:
- One project-introductory flyer produced in English by UCA
- Project posters produced by UCA and FZI

Other dissemination activities

- Animated video presenting the AMICA solution, displayed at the Active Ageing Conference (April 2012, European Commission, Brussels)
- Euronews TV documentary on healthier ageing http://www.euronews.com/2012/01/24/healthier-ageing-is-justa-click-away/



	➤ Patient leaflets produced by Vitaphone and FZI
	On-site demonstrations and workshops:
	Participation in an international workshop organized by IAVANTE. Granada October 2009, Spain)
	Project exhibitor at the AAL Forums Odense, 2010 and Lecce, 2011)
	Project exhibitor at the Active Healthy Ageing Conference, held by the European Commission (Brussels, April 2012) http://www.euronews.net/2012/01/24/healthier-ageing-is-just-a-click-away/ ; http://ec.europa.eu/research/innovation-union/index en.cfm?section=active-healthy-ageing&pg=conference-exhibition
	Contributions to seminars and conferences:
	More than 15 presentations given by project partners at various events of relevance to the project's scope.
	Spanish media (local and national newspapers, and elderly people magazines)
Type and size of audience reached by dissemination activities	Healthcare professionals, hospitals, insurance companies, stakeholders, people in general, etc.

	PROJECT: BEDMOND
Publications (scientific or other), which are the direct result from the project work	BEDMOND papers are to be published in the proceedings releases for PervaSense Congress 2011, IADIS eHealth Conference 2011, AAL Handbook and book on "User Modeling and Adaptation for Daily Routines", to appear in Springer HCI Series
	Worthy to mention, BEDMOND has been present in great amount of International Congress and Conferences, both from the side of technology development and from the side of neurodegenerative diseases management (see deliverables D9.1, D9.3, D9.4 and D9.5)
	Jan and Feb 2009: AIT, Journal contribution (Clinicum 01-02/2009) Bedmond Project and goals mentioned in the article "Science Fiction in Omas Wohnzimmer". 11.03.2009: CURE, AIT, Bedmond Project presentation Austrian AAL Joint Programme NCP Infoday, Vienna, Austria 18 to 20/06/2009: Meticube, Several presentations at Innovation Days 2009 Innovation Days 2009, Lisbon, Portugal.



23/06/2009: Meticube, Presentation to CCG – Centro de Computação Gráfica. A Portuguese R&TD institute, focusing on Computer Graphics Technology and Applications.

10/07/2009: Meticube, Presentation to HCP – Health Cluster Portugal. Portuguese Health Cluster.

14/07/2009: Meticube, Presentation to ISA – Intelligent Sensing Anywhere.

Coimbra, Portugal.

17/07/2009: Meticube, Presentation to PFR Invest. PFR Invest - Sociedade de Gestão Urbana, E.M., Paços de Ferreira, Portugal

30/07/2009: Tecnalia, AAL JP request for AAL Forum Vienna Bedmond flier.

29/09/2009: Tecnalia, AAL Forum Vienna, Austria. Bedmond poster at posters session.

29/09/2009: CURE, AAL Forum at Vienna, Austria. Bedmond Project Poster at CURE's booth.

29/09 to 01/10/2009: AIT, AAL Forum at Vienna, Austria. Bedmont Project Poster and Bedmond Flyers at the AIT booth.

03/10/2009: Ibernex, Ingema, AAL Forum Vienna, Austria. ICT solutions: empowerment perspective.

26/10/2009: Tecnalia, ITEA2 Symposium, Madrid Ambient intelligence for the elderly.

18 to 20/11/2009: AIT, Intelligent Buildings and Smart Homes Conference

2009 - IBASH 2009, 18-20 November, 2009. Taipei, Taiwan. Short Bedmond Project Presentation.

03/12/2009: Tecnalia, ERST'09: Primer Encuentro sobre Responsabilidad Social Tecnológica (1st Encounter about Social Responsibility in Technology).

"Envejecimiento y Tecnología (Aging & Technology)".

04/12/2009: Tecnalia, European Day of People with Disabilities Conference.

"Analysis of the AT ICT industry in Europe".

09/12/2009: Meticube, Presentation to IPN – Instituto Pedro Nunes. Portuguese R&TD and technology transfer institution.

09/12/2009: Meticube, Presentation to ISR – Instituto de Sistemas e Robótica. Portuguese institution dedicated to research in the field of robotics.

06/01/2010: Meticube, Presentation to TICE.Mobilidade Project Partners.

Portuguese Pole for Information and Communication Technologies. Project focused in providing Mobility services centred in the user.

12/01/2010: Meticube, Presentation to Deutsche Telekom / T-Systems. Ulm, Germany.

13/01/2010: Meticube, Presentation to TICE.Healthy Project Partners. Portuguese Pole for Information and Communication Technologies. Project focused in developing and providing new technologies and services in "Health and Life Quality" areas.

Other dissemination activities



18/01/2010: Meticube, Presentation to PT Inovação. PT Inovação is the technology anchor for the Portugal Telecom Group.

21/01/2010: Meticube, Presentation to Microsoft Portugal

18/02/2010: AIT, benefit ExpertInnen- Konsultation in den Bundesländern

Project Presentation to a group of 20 AAL experts and stakeholders 25/02/2010: Meticube, Presentation to OutSystems Portugal.

10/03/2010: Ingema, Tecnalia, AALIANCE Conference, Malaga. Ambient Assisted Living research roadmap

14/03/2010: Tecnalia, TVE News. Spanish public TV, news program at noon.

28/04/2010: Ibernex, Presentation to ITANCIA, Cascais, Portugal. Distributors meeting for ICT solutions in Portugal

05/05/2010: Meticube, Presentation to Visabeira Digital. Part of a Portuguese multinational company, Visabeira Group, with competences in Information and Multimedia Systems.

10/05/2010: Tecnalia, IEEE International Symposium on Industrial Electronics. "Intelligent Homes to Assist Elderly People".

25/05/2010: Ibernex, Presentation to STTCondigi, Malmö, Sweden. European distributors meeting for home care solutions

27/05/2010: Ingema, Tecnalia, ISG2010 – International Society for Gerontechnology – 7th World Congress, Vancouver, Canada. Powerpoint presentation and conference at International Conference on Gerontechnology

17/06/2010: METICUBE, Talks in Digital Lifestyle Event. B2B meetings. Porto, Portugal.

07/07/2010: TECNALIA, AAL Handbook on Ambient Assisted Living for

Healthcare, Well-being and Rehabilitation. Chapters related to research projects about "Ambient Intelligence" y "Smart Environment".

08/07/2010: AIT, Interview to a journalist from the journal MEDIZINPRODUKTE. Interview about Bedmond Project.

10/07/2010: INGEMA, Alzheimer's Association International Conference on

Alzheimer's Disease (ICAD). A poster presentation at the Alzheimer's International Conference.

13/07/2010: METICUBE, Presentation to dotUI. USA, member of OpenURC Alliance.

14/07/2010: TECNALIA, ICCHP 2010. "Classification Techniques in Home

Environments for Elderly/Dependant People".

14/07/2010: METICUBE, Presentation to Martifer R&D. Oliveira de Frades, Portugal.

06/09/2010: METICUBE, Presentation to OpenURC Alliance.



08/09/2010: METICUBE, Presentation to Sociedade Portuguesa de Inovação

(SPI). Coimbra, Portugal.

09/09/2010: METICUBE, Presentation to Critical Move. Coimbra, Portugal

7-8/10/2010: METICUBE, 1st International AEGIS Conference. University of Seville, Spain.

20/10/2010: METICUBE, Presentation to Novexem Lda. Coimbra, Portugal.

25/10/2010: METICUBE, Presentations in Cidade Tecnológica 2010. Public presentation of the Technologic City project, Paços de Ferreira, Portugal.

08-10/11/2010: TECNALIA, Hands-on Wireless & Mobile Congress, Zamudio,

Spain. Oral communications: Sensor Networks in Assistive Environments: Sensor Networks and Middleware in Assistive Environments - BEDMOND project.

16/11/2010: METICUBE, Workshop on ICT & Ageing. Passau, Germany.

17/11/2010: METICUBE, Department of Informatics Engineering - University of Coimbra. Coimbra, Portugal.

25/11/2010: METICUBE, Presentation to CAPCom GmbH. Darmstadt, Germany.

02/12/2010: METICUBE, Presentation to K3I Co. Ltd. Seoul, Korea.

20/01/2011: METICUBE, Presentation to Presentation to Inova+. Matosinhos, Portugal.

March 2011: INGEMA, Presentation of the project to Skelleftea Kommun. Sweden.

01/03/2011: METICUBE, Presentation to SALUTIS SA. Barcelona, Spain.

22/03/2011: METICUBE, Presentation to CONCISTEC GmbH. Saarbrücken, Germany.

22/03/2011: METICUBE, Presentation to Andratec eG. Saarbrücken, Germany.

22/03/2011: METICUBE, Presentation to Dfki GmbH. Saarbrücken, Germany.

23/03/2011: METICUBE, Presentation at 3rd HandsOn@DEIS, ISEC. Coimbra, Portugal.

07/04/2011: METICUBE, Presentation to MKTi Coimbra, Portugal.

12/04/2011: METICUBE, Presentation to Andramedos eG. Saarbrücken, Germany.

12/04/2011: METICUBE, Presentation to Dr. Thorsten Möller. Saarlouis, Germany.

12/04/2011: METICUBE, Presentation to Genesa Eg. Saarbrücken, Germany.

18/04/2011: METICUBE, Presentation at PortusPark. Presentation to network partners. Maia, Portugal.

29/04/2011: METICUBE, Presentation to Pulsoft. Coimbra, Portugal.



	19-20/05/2011: TECNALIA, III Congreso Nacional de Atención
	Sanitaria al Paciente Crónico, (III National Conference for Chronic
	Care, San Sebastian, Spain). Poster & Short oral communication:
	ASISTENTE PARA LA DECISIÓN DIAGNÓSTICA Y DETECCIÓN PRECOZ
	DE ENFERMEDADES NEURODEGENERATIVAS (Assistant for the
	diagnostic decision and early detection of neurodegenerative
	diseases).
	23-26/05/2011: AIT, TECNALIA, INGEMA, CURE, METICUBE,
	International ICST Conference on Pervasive Computing Technologies
	for Healthcare 2011, Dublin, Ireland. Oral communication:
	Requirements for a Behaviour Pattern Based Assistant for Early
	Detection and Management of Neurodegenerative Diseases.
	12/05/2011: CURE, INGEMA, TECNALIA, AAL Forum 2011. Abstract
	submitted – "Lessons Learned" from an iterative involvement of
	informal
	caregivers during the development of an ICT based system for an
	early detection of neurodegenerative diseases.
	May 2011: INGEMA, Presentation of the project to BİLİM İLAÇ A.Ş.
	Turkish
	pharmaceutical industry. The project was presented to 16
	neurologists.
	May 2011: AIT, TECNALIA, INGEMA, CURE, METICUBE, Workshop at
	Perva Sense 2011 Paper presented "Requirements for a Behaviour
	Pattern Based Assistant for Early Detection and Management of
	Neurodegenerative Diseases".
	10/06/2011: INGEMA, Presentation of the project to Jesus Favela
	from
	CICESE. Mexico
	17/06/2011: INGEMA, Presentation of the project in Sociosanitary
	Managing Mastery. Pamplona. Spain
	18/07/2011: INGEMA, Presentation of the project to Lourdes Arana
	General Director of the Spanish Foundation of Sciences and
	Technology
	07/2011: TECNALIA, IADIS MULTICONFERENCE 2011, Rome (Italy)
	Paper accepted for congress proceedings and publication
	9/09/2011: INGEMA, Presentation of the project to Nikolaos
	Scarmeas form The Neurological Institute of New York Columbia
	University Medical Center. Unated States
Type and size of	Primary and secondary end-users and researchers on the field of e-
audience reached by	health and AAL-based services and systems. Difficult to quantify
dissemination activities	(several thousands)

PROJECT: CAPMOUSE	
Publications (scientific or other), which are the direct	There are 3 publications in Public Service Review: European Union (Issues 19, 20, 22).



result from the project work	(Full articles are presented in Deliverable D6.4)
Other dissemination activities	A PowerPoint used at end user workshops and AAL Forums, as described in Deliverable D6.4. In addition a multitude of individual end user and potential customer meetings.
Type and size of audience reached by dissemination activities	Difficult to tell. A couple of thousand people maybe.

PROJECT: CARE		
Publications (scientific or other), which are the direct result from the project work	vision and pattern recognition conferences in USA (CVPR2011, CVPR2012) and Spain(ICCV 2011) One publication and a live demonstration of the sensor at the top circuits and systems conference in South Korea (ISCAS2012)	
	Two Publications at the German AAL Congress (2010 and 2011)	
	One publication in the EU magazine ERCIM (2011) One publication in the Austrian Magazine E & I from <u>Springer (2010)</u>	
Other dissemination activities	Euronews documentary on the project (filming ongoing) Live demonstration in the Austrian Lange Nacht der Forschung under the presence of the Austrian Minister for Transport, Innovation and Technology (http://www.youtube.com/watch?v=u8FLKKru7ng&list =UUhVcKsqA427HghLrGlfySGg&index=5&feature=pl cp) Participation to the AAL Forums 2009, 2010, 2011 and 2012 with posters and live demos Five press releases (3 in Die Presse in Austria and 2 in German Press) Exhibitions at several Expos in Germany (Vision Expo), Finland (Terve SOSetc) Regular CARE newsletters send to potential interested parties Video on the website.	
Type and size of audience reached by dissemination activities	The project concept and results were disseminated to a large number of parties (researchers, industries, end-users and authorities). The size is huge (more than 10000) if we take into account that the press (die Presse and ERCIM) are read by a large number of people and Euronews may be watched by much more persons	

PROJECT: DOMEO		
	The consortium has been very active in dissemination : 14 scientific publications	
	Examples of Multimodal User Interfaces for Socially Assistive	
	Robots in AAL Environment, Paper by P. Mayer, C. Beck and P. Panek (AAT), 3rd IEEE International Conference on	
	Cognitive Infocommunications, Kosice, Slovakia, Dec 2-5	
	2012	
	Home deployment of a doubt removal telecare service for cognitively impaired elderly people: a field, Paper by P.	



Rumeau N. Vigouroux, B. Boudet, G. Lepicard (CHUT), G. Fazekas (NIMR),

F. Nourhachemi (CHUT) and M. Savoldelli (GCS), <u>3rd IEEE</u>
International Conference on Cognitive Infocommunications, Kosice, Slovakia, Dec 2-5 2012

Multimodal human detection and fuzzy decisional engine for interactive behaviors of a mobile robot, Paper by C. Granata, Ph. Bidaud, M. Chetouani and N. Melchior (ISIR), 3rd IEEE International Conference on Cognitive Infocommunications, Kosice, Slovakia, Dec 2-5 2012

<u>Social Robots in Service to Elderly,</u> Paper by E. Lucet (ROBOSOFT) and P. Bidaud (ISIR), <u>3rd IEEE International Conference on Cognitive Infocommunications</u>, Kosice, Slovakia, Dec 2-5 2012

A Distance-Dependent People Detection System for a Wheeled Mobile Domestic Robot, Paper at CLAWAR 2011 (14th International Conference on Climbing and Walking Robots and the Support Technologies for Mobile Machines), Paris, France. September 6th to 8th, 2011. Authors: Xiao Wang, Xavier Clady (ISIR)

A Human Detection System for Proxemics Interaction. Paper at ACM/IEEE International Conference on Human-Robot Interaction, Lausanne, Switzerland. March 6-9, 2011. Authors: Xiao Wang, Xavier Clady and Consuelo Granata.

Application of Service Robots in People with Disabilities due to Neurological Impairments, Publication in Szervizrobotok alkalmazása neurológiai károsodás következtében fogyatékossá vált személyeknél. In Rehabilitáció 2010;20(1):41-45. Authors: Fazekas G, Tóth A, Pilissy T, Zsiga K, Stefanik Gy, Trócsányi M.

Apprentissage de politiques efficaces avec XCSF et CEPS, Paper at Sixièmes journées francophones MFI/JFPDA, June

Publications (scientific or other), which are the direct result from the project work



23rd to 26th, 2011, Rouen, France. Authors: Didier Marin, Jérémie Decock, Lionel Rigoux and Olivier Sigaud

Cognitive-care robot for elderly assistance: preliminary results of tests with users in their homes, Oral presentation at AAL Forum 2012, Eindhoven, NL, Septembre 25th 2012, Authors: Gabor Fazekas, András Tóth, Pierre Rumeau, Katalin Zsiga, Tamás Pilissy, Vincent Dupourque

<u>Déploiement d'un Robot Compagnon à Domicile</u>, Paper at "<u>Université d'été de la e-Santé</u>", Castres, France, , July 4-6th 2012. Authors : B. Boudet, F. Nourashemi, T. Giacobini, P. Rumeau (CHU Toulouse) N. Vigouroux, F. Vella, G. Lepicard (IRIT)

Experimental Analysis of Interactive Behaviors for a a Personal Mobile Robot, Paper at CLAWAR 2012, John Hopkins University (USA), July 23-26 2012. Authors: C. GRANATA, P. BIDAUD (ISIR), C. BECK, P. MAYER (TUW)

Field test of a home-care robot for elderly assistance: first experiences, Poster at 9th Congress of the Mediterranean Rehabilitation Forum for PMR, Oct 21st to 25th 2012, Sorrento, Italy, "Field test of a home-care robot for elderly assistance: first experiences", by G. Fazekas, K. Zsiga, T. Pilissy, A. Toth, P. Rumeau, V. Dupourqué, Z. Dénes

Interactive person following for social robots: hybrid reasoning based on ..., Paper at CLAWAR 2011 (14th international Conference on Climbing and Walking Robots and the Support Technologies for Mobile Machines). Paris, France, September 6th to 8th, 2011. Authors: Consuelo Granata and Philippe Bidaud

Robots for Patients, Publication in Innovacio 2010, Bene Zs. "Robotok a betegekért" (Robots for patients). Kórhàz, 2010(11):31-33. - Document in in Hungarian. Author: G. Fazekas

Press Release

"Les robots compagnons de santé ne sont pas des machines, mais un service", Interview in the magazine "Le Point" of Docteur Pierre Rumeau, GCS Télésanté Midi-Pyrenées, November 2nd, 2011, France.



"Superrobot is to take care elederlies", Daily newspaper Blikk, April 12, 2011, Hungary.

"The hungarian robot is going to become elderly's lackey", Daily newspaper Bors, April 12, 2011, Hungary.

Becker: Ohne soziale Innovation fehlen Europa die Antworten auf den demografischen Wandel, "Becker: Without Social Innovation Europe lacks the answers to demographic change. MEP calls for sufficient funds for programs to support research for social purposes", Published in ATA OTS, Oct 17th 2012

They are all available at www.aal-domeo.eu in the dissemination section. Please login with name: reviewer pwd: domeo64

40 project presentations
 <u>"Kompaï, go docking please!" - Large Scale Field Test of a Social Robot in Users' Homes, Presentation by A. Tóth, D. Kovács, T. Nagy (BME), G. Fazekas, T. Pilissy, K.Zsiga (NIMR), 3rd IEEE International Conference on Cognitive
</u>

Infocommunications, Kosice, Slovakia, Dec 2-5 2012

1st Singapore Rehabilitation Conference, Poster at 1st Singapore Rehabilitation Conference: Fazekas G, Dénes Z, Péter O, Zsiga K. Rehabilitation Services in Hungary. 1st Singapore Rehabilitation Conference, 10-11/02/2012, Singapore. – poster (NIMR)

AAL Forum 2010 Exhibition, AAL Forum 2010, Sept 15th to 17th 2010, Odense, Denmark

AAL Forum 2011 Exhibition, Exhibition at AAL Forum 2011, 26-28th Sept 2011, Lecce, Italy. By F. Hirigoyen (ROBOSOFT)

AAL Forum 2011 Exhibition, Domeo project was showcased at the AAL Forum, held from September 26th to 28th in Lecce, Italy. We took this opportunity to introduce the project to the attendants, among the most active personalities in the field of ageing well through innovation across Europe.

AAL JP Event at European Parliament, We made a demonstration with Kompaï, developed in DOMEO project, at



the European Parliament, during an event organized by AAL JP.

<u>Application of Robots in Neuro-Rehabilitation</u>, Poster at 41st Danube Symposium for Neurological Sciences, 14th to 17th Oct 2009, Linz, Austria.

Authors: Gabor Fazekas, Zoltan Denes, Tamas Pilissy, Andras Toth

<u>CENRob 1st Workshop</u>, 1er Colloque national du CENRob, April 5-§th, Montpellier, France

<u>Demonstration of prototype</u>, Presentation and demonstration at College Class, December 22, 2012, Budapest, Hungary. Author: Andras Toth

Other dissemination activities

<u>DOMEO at "Made in Europe" exhibition</u>, Oct 8th, 2012: Kompaï meets VP Mrs Kroes and Mrs Carvalho (MEP) at the Opening of the "Made In Europe" exhibition, at the European Parliament

<u>DOMEO Robot domestique pour l'assistance aux personnes</u> <u>âgées</u>, Presentation at Session SFTAG aux 31ème journées annuelles de la SFGG, October 4th to 6th, 2011, Paris, France. Authors: P. Rumeau, N. Vigouroux, M. Lefèvre, B. Boudet, P. Coquerel, M. Denis, F. Vella and G. Lepicard.

DOMEO, plate-forme robotique ouverte pour l'assistance cognitive et physique des seniors à domicile, Presentation of DOMEO Project at "Matinales du PRIAM", ESME-SUDRIA, Ivry-su-Seine (F) by Vincent Dupourqué, Dec 1st 2011

<u>DOMEO</u>, an <u>Open Robotic Platform for Cognitive and Physical Personalized Homecare Services</u>, <u>Workshop PAL 2011</u> INRIA Sophia Antipolis, France, Sept 19th 2011. Author: V. Dupourqué, ROBOSOFT

<u>DOMEO</u>, <u>Domestic Robot For Elderly Assistance</u>. <u>First Results and Perspectives</u>, Presentation at <u>AAL Forum 2011</u>, Side Event Social robotics: experiences with end-users. 26-28th Sept 2011, Lecce, Italy. Author: A. Lago

<u>Domestic Robot for Elderly Assistance</u>, FP7 Consultation Meeting on Service and Social Robotics for the Ageing



Population, Brussels Belgium, Dec 2nd, 2009. Author : Andras Toth.

<u>Domestic Robot for Elderly Assistance</u>, Presentation at <u>AAL Forum 2009</u>, Sept 29th - Oct 1st 2009, Vienna, Austria. Author: J. Canou

Ethische Aspekte auf der Makroebene - Distribution Ethics: Wie weit können oder sollen sie in der Pr, Invited presentation at E-health Conference, Workshop: Ethische Aspekte in AAL Projekten: Mikro- und Makrolevel, Chair Gerda Geyer. May 26th Vienna Austria. Author: Dr. Marjo Rauhala, Technische Universität Wien

<u>Fondation Hospitalière Sainte-Marie Demonstration,</u> Demonstration at <u>Fondation Hospitalière Sainte Marie</u> in Paris September 28h, 2011. By Y. Pons and P. Commarieu (ROBOSOFT)

Home-Care Robots Providing Cognitive Assistance for the Elderly: an Overview of Evaluation Methods, Presentation at EFRR 2011 (European Federation for Research in Rehabilitation), May 26-28/2011 Riva del Garda, Italy. Authors: G. Fazekas, K. Zsiga, A. Toth, Z. Dénes, O. Péter, G. Stefanik,

ICTSpring 2011 Demonstration, Presentation of robuMATE/Kompaï in the ICT Spring 2011 exhibition, Luxemburg, June 29th 2011 (2000 visitors).

<u>ILTCI</u> 2010 <u>Exhibition</u>, Exhibition at <u>ILTCI</u> 2010 (Intercompany Long Term Care Insurance Conference), We carried out a survey among visitors. New Orleans – USA, March 14th-17th 2010.

INNOROBO 2012, DOMEO project at INNOROBO 2012, March 14th to 16th, Lyon France, robuWALKER has been presented for the 1st time.

Intérêt des Démonstrations Réelles dans des Focus-Groups d'Evaluation des Robots Compagnons, Poster, presentation and demonstration at Université d'été eSanté, July 6-8th 2011, Castres France. Author : Dr Pierre Rumeau



Introduction of Kompaï in the Pensioner's club Budapest III, Presentation and demonstration at Club for Elderlies of the 3rd District of Budapest, February 13th, 2012, Budapest, Hungary. Authors: Gàbor Fazekas, Katalin Zsiga and Orsolya Péter.

Introduction of Kompaï robot in the Pensioner's club Budapest XI, Presentation and demonstration at "Club of Budapest XI. District", October 10th, 2011, Budapest, Hungary. Authors: Gàbor Fazekas, Katalin Zsiga and Orsolya Péter.

Le robot "assistant de santé", Presentation at Seminaire "Journée de la robotique de service en Midi-Pyrenées", Co organise LAAS-Midi Pyrénées Innovation - Club des Affiliés - SYROBO, November 25th, 2011, Toulouse, France. Authors: P. Rumeau, N.Vigouroux, P. Coquerel and M. Denis

Learning Cost Efficient Control Policies with XCSF/Generalization Capabilities&Further Improvement, Presentation at GECCO'11, July 12th to 16th, 2011 Dublin, Ireland. Authors: Didier Marin, Jérémie Decock, Lionel Rigoux and Olivier Sigaud.

Organization of Neuro-Rehabilitation Services in Hungary, Poster at 6th World Congress on Neuro-Rehabilitation, 21st-25th March 2010, Vienna, Austria. Authors: Fazekas G., Dénes Z., Fày V., Szél I., Urbàan E.

<u>Presentation Kompaï</u>, Presentation to welcome the students of 1st semester 2A2M at "Laboratoire de Gérontechnologie La Grave", DUT 2A2M IUT de Blagnac, September 9th, 2012, Blagnac, France. Author: Pierre Rumeau

Risk management for "Mechatronics Systems for Rehabilitation", Presentation at "Mechatonics Systems for Rehabilitation", International Master, October 19th to October 21st, 2011, Paris VI-Bescia, Paris, France. Author: Pierre Rumeau

Robotic Devices for Supporting Rehabilitation, 6th ISPO Conference, Nyíregyháza, Hungary, August 25th to 27th, 2011. Author: Fazekas G, Zsiga K, Péter O, Trócsányi M, Stefanik Gy, Dénes Z



Role of Robots in Rehabilitation, Poster at 8th Mediterranean PRM Congress, Cyprus, Sept 28th-2Oct 2nd, 2010. Authors: Fazekas G, Denes Z, Peter O, Katalin Zs, Stefanik Gy, Pilissy T

SAP 2011, DOMEO booth at "Salon des Services à la Personne", Paris Porte de Versailles, Nov 29th-Dec 1st 2011, by ROBOSOFT

<u>Service Robots as Helpers of Reintegration</u>, Proceedings of the 10th Congress of the European Federation for Research in Rehabilitation, 9-12/09/2009, Riga,Latvian. Authors: Gabor Fazekas, Vincent Dupourque, Damien Salle, Joseph Canou, Consuelo Granata, Zoltan Denes

<u>Télémédecine législation et perspectives</u>, Poster at DIU Gérontechnologie, November 24th, 2011, Ivry sur Seine, France. Author: Pierre Rumeau

TIC & SANTE, Presentation of Kompaï and DOMEO project at TIC&Santé, Paris, Oct 20th, 2011

<u>Un Robot d'Assistance pour les Personnes Agées,</u> Presentation at SFTAG 2009, 18-20/11 2009, Troyes, France. Aurthor : J. Canou

Un système embarqué de détection de personnes considérant explicitement la distance Homme-Robot, Poster, Journées Nationales de la Robotique Interactive, November 21-22, 2011, Paris, France. Author: Xia Wang and Xavier Clady.

<u>User Requirements for Home-Care Robots</u>, <u>6th ISPO Conference</u>, Nyíregyháza, Hungary, August 25th to 27th, 2011. Authors: Zsiga K, Rauhala M, Rumeau P, Tóth A, Pilissy T, Fazekas G.

<u>User Requirements of Socially Active Robots</u>, Poster at EFRR 2011 (European Federation for Research in Rehabilitation), May 26-28/2011 Riva del Garda, Italy. Authors: G. Fazekas, K. Zsiga, A. Toth, T. Pilisy, P. Mayer, J. Canou



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dissemination activities	

PROJECT: eCAALYX

Kamel Boulos MN, Castellot Lou R (TID), Anastasiou A (UoPEL), Nugent CD, Alexandersson J, Zimmermann G, Cortes U, Casas R. Connectivity for Healthcare and Well-Being Management: Examples from Six European Projects. Boulos MN and the eCAALYX Project Consortium. An Enhanced Ambient Assisted Living Experiment for Older People with Multiple Chronic Conditions. Presented at: 2nd International Symposium on Applied Sciences in Biomedical and Communication Technologies (ISABEL 2009), Bratislava, Slovak Republic.

Kamel Boulos MN. eHealth service interoperability: Paying attention to interfaces! Lessons from CAALYX and eCAALYX (invited keynote speech). Connected Health in Ireland: An All Island Review AND An All Island Review Connected Health in Ireland: An All Island Review Appendices.

Applications of Waist Segment Kinematic Measurement using Accelerometry for an Autonomous Fall-detection System during Continuous Activities. SAAL: Smart Ambient Assisted Living eHealth Baseline Report

Evaluation of waist mounted tri-axial accelerometer based fall-detection algorithms during scripted and unscripted activities.

Assessment of Waist-worn Tri-axial Accelerometer Based Fall-detection Algorithms using Continuous Unsupervised Activities.

Francisco Nunes, Paula Alexandra Silva, Fostering Wellness of Older Adults while Performing Usability Testing, HCI4WELL, HCI2010.

Publications (scientific or other), which are the direct result from the project work A. K. Bourke, P. van de Ven, M. Gamble, R. O'Connor, K. Murphy, E. Bogan, E. McQuade, P. Finucane, G. Olaighin, and J. Nelson, "Assessment of waist-worn tri-axial accelerometer based fall-detection algorithms using continuous unsupervised activities," Conf Proc IEEE Eng Med Biol Soc, pp. 2782-5, 2010.

M. de la Guia Solaz, A. K. Bourke, R. Conway, J. Nelson, and G. Olaighin, "Real-time low-energy fall detection algorithm with a programmable truncated MAC," Conf Proc IEEE Eng Med Biol Soc, pp. 2423-6, 2010.

A. K. Bourke, V. Cionca, K. J. O'Donovan, B. J. Broderick, C. O'Dwyer, M. de la Guia Solaz, A. Clifford, S. Coote, and J. Nelson, "Implementation of Fixed-point Fall detection and Activity Monitoring Algorithms for a Wearable Long-term Monitoring System," in IEEE Sensors Limerick, Ireland, 2011. (SUBMITTED)

Paula Alexandra Silva, Francisco Nunes, 3 x 7 Usability Testing Guidelines for Older Adults, MEXIHC 2010.



A. Rodrigues, C. Resende, L. Carvalho, P. Saleiro, F. Abrantes, "Performance Analysis of an Adaptable Home Healthcare Solution", 13th IEEE International Conference on e-Health Networking, Application Services (Healthcom 2011), Columbia, Missouri, USA, June 2011.

Johannes Spallek. Schnell entwickelt, wer die Basis in petto hat. MED Engineering 1-2 2011, p. 36-40.

V. Power, A. Clifford, A K Bourke, J. Guiry, L. MacKenzie, "Physical Activity and Movement Patterns of Community-Dwelling Older Adults Participating in a Home-Based

Falls Prevention Intervention: A Pilot Study" 2nd International Conference on Ambulatory Monitoring of Physical Activity and Movement, ICAMPAM, Glasgow, Ireland 2011. (ACCEPTED).

- Kamel Boulos MN, Wheeler S, Tavares C, Jones R. A. Godfrey, A K., Bourke, G. Olaighin, P. van de Ven, J. Nelson "Activity classification using a single chest mounted tri-axial accelerometer" Medical Engineering & Physics, 2011 (ACCEPTED).
- Alan K. Bourke, Marc Torrent, Xavier Parra, Andreu Catala, and John Nelson "Fall Algorithm Development Using Kinematic Parameters Measured from Simulated Falls performed in a Quasi-realistic Environment Using Accelerometry" Conf Proc IEEE Eng Med Biol Soc, 2011 (SUBMITTED).
- Lei Gao, Alan K. Bourke, John Nelson "A System for Activity Recognition Using Multi-Sensor Fusion" Conf Proc IEEE Eng Med Biol Soc, 2011 (SUBMITTED)
- Emma Fortune, Marie Tierney, Cliodhna Ni Scanaill, Alan Bourke and Norelee Kennedy "Activity Level Classification Algorithm Using SHIMMER Wearable Sensors for Patients Suffering from Rheumatoid Arthritis" Conf Proc IEEE Eng Med Biol Soc, 2011 (SUBMITTED).
- Rocha A, Martins A, Freire JC Junior, Kamel Boulos MN, Vicente ME, Feld R, van de Ven P, Nelson J, Bourke A, Olaighin G, Sdogati C, Jobes A, Narvaiza L, Rodriguez-Molinero A. "Innovations in health care services: The CAALYX system." Int J Med Inform. 2011 Apr 8.
- Kamel Boulos MN, Wheeler S, Tavares C, Jones R. "How smartphones are changing the face of mobile and participatory healthcare: an overview, with example from eCAALYX. BioMed Eng OnLine (Impact Factor: 1.64). 2011; 10:24 (doi:10.1186/1475-925X-10-24) [indexing: PubMed/MEDLINE] Full text PDF".
- A. Rodrigues, C. Resende, L. Carvalho , P. Saleiro, F. Abrantes, "Performance Analysis of an Adaptable Home Healthcare Solution", 13th IEEE International Conference on e-Health Networking, Application Services (Healthcom 2011), Columbia, Missouri, USA, June 2011.
- Kamel Boulos MN. "Telehealthcare for older people with comorbidity: some lessons learned from the eCAALYX project". In: Proceedings of the British Society of Gerontology 40th Annual Conference, University of Plymouth, Plymouth, Devon, UK.
- V. Power, A. Clifford, A K Bourke, J. Guiry, L. MacKenzie, "Physical Activity and Movement Patterns of Community-Dwelling Older Adults Participating in a Home-Based Falls Prevention



- Intervention: A Pilot Study" 2nd International Conference on Ambulatory Monitoring of Physical Activity and Movement, ICAMPAM, Glasgow, UK 2011.
- Alan K. Bourke, Marc Torrent, Xavier Parra, Andreu Catala, and John Nelson "Fall Algorithm Development Using Kinematic Parameters Measured from Simulated Falls performed in a Quasi-realistic Environment Using Accelerometry" 33rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC '11), Boston, MA, USA. 2011.
- A. K. Bourke, K. J. O'Donovan, A. Clifford, G. OLaighin, and J. Nelson, "Gravity vector and vertical acceleration estimation using a tri-axial accelerometer for falls and normal activities," in IEEE EMBC Boston, MA, 2011.
- Lei Gao, Alan K. Bourke, John Nelson "A System for Activity Recognition Using Multi-Sensor Fusion" 33rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC '11), Boston, MA, USA. 2011.
- Emma Fortune, Marie Tierney, Cliodhna Ni Scanaill, Alan Bourke and Norelee Kennedy "Activity Level Classification Algorithm Using SHIMMER Wearable Sensors for Patients Suffering from Rheumatoid Arthritis" 33rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC '11), Boston, MA, USA. 2011.
- Kamel Boulos MN. "Enhanced Ambient Assisted Living eCAALYX: some usability considerations and desiderata for mHealth apps". Proceedings of Health Informatics

Scotland Conference 2011, The Royal College of Surgeons Edinburgh, Quincentary Hall & Playfair Hall, Edinburgh, UK.

A. Godfrey, A. K. Bourke, G. ÔLaighin, P. Van de Ven, and J. Nelson, "Activity

classification using a single chest mounted tri-axial accelerometer," Med Eng Phys, 2011 Nov;33(9):1127-35.

Power, V. and Clifford, A. 'Exercise Interventions for Falls Prevention among

Community-Dwelling Older Adults: A Review of the Literature', poster presentation at

the Centre for Ageing Research and Development in Ireland Conference, Dublin (2-3 November).

Kamel Boulos MN. Location-aware telehealth services: an overview of eCAALYX and

how geolocation is being used in reasoning with clinical data. In: Online Proceedings of

'Location-Based Technologies in Health & Care Services', Reading.

Power, V., Clifford, A., Nelson, J., Van de Ven, P. and Bourke, A. A Review of Physical

Performance-Related Risk Factors for Falling among Community-Dwelling Older Adults:



Potential Clinical Applications of Wireless Sensor Technology', platform presentation at

the 1st Joint World Congress of the International Society for Posture and Gait Research

and Gait & Mental Function, Trondheim, Norway, (24-28 June).

E. Barrett, A. K. Bourke, A Clifford and J Nelson " Optimum human movement

kinematics estimation using wearable sensors to enable the detection of falls, normal

activities and exercise." National Institute of Health Sciences Research Bulletin, June 2012.

Clifford, A. Nelson, J., Mackenzie, L. and Hopkins E. The Perceptions of General

Practitioners on Falls Prevention and the Role of Technology. Poster presentation at the

1st Joint World Congress of the International Society for Posture and Gait Research

and Gait & Mental Function, Trondheim, Norway, (24-28 June).

Alan K. Bourke, Sandra Prescher, Friedrich Koehler, Victor Cionca, Carlos Tavares,

Sergi Gomis, Virginia Garcia, and John Nelson, "Embedded Fall and Activity Monitoring

for a Wearable Ambient Assisted Living Solution for Older Adults!

Sandra Prescher, Alan K. Bourke, Friedrich Koehler, Angelo Martins, Hugo Sereno

Ferreira, Tiago Boldt Sousa, Rui Nuno Castro, Antonio Santos, Marc Torrent, Sergi

Gomis, Margarita Hospedales and John Nelson.

A Ubiquitous Ambient Assisted Living Solution to Promote Safer Independent Living in

Older Adults Suffering from Co-morbidity.

Book chapter in "Engaging Older Adults with Modern Technology: Internet Use and

Information Access Needs" Robert Z. Zheng (University of Utah, USA), Robert D. Hill

(University of Utah, USA) and Michael K. Gardner (University of Utah, USA).

Poster presentation in the AAL Forum, Vienna. Sep 2009.

I Congress of the Balearic Geriatrics Society, Palma de Mallorca, November 2009.

Boulos MN and the eCAALYX Project Consortium. An Enhanced Ambient Assisted

Living Experiment for Older People with Multiple Chronic Conditions. Presented at: 2nd International Symposium on Applied



Sciences in Biomedical and Communication Technologies (ISABEL 2009), Bratislava, Slovak Republic. Nov 2009.

Pedro Saleiro, Filipe Abrantes , Dirk Elias,, Filipe Sousa ,, M.E. Cruz-Martin and Antonio Aguilar

, "Reusing the Telecom infrastructure to deploy efficient and adaptable home healthcare solutions", AALIANCE Conference. March 2010.

I Conference on ICT and Health in Catalonia, Girona. eCAALYX poster presentation.

May 2010.

7th International Conference on Wearable Micro and Nano Technologies for

Personalized Health (pHealth 2010), Berlin. May 2010.

AVANTE: exhibition for personal autonomy and quality of life, Barcelona, eCAALYX

poster and WBS shirt concept were presented in a exhibition booth. June 2010.

Other dissemination activities

AVANTE: eCAALYX project was presented on a speech in the exhibition workshop

"Bringing innovation to the real needs in services for older people". June 2010. o Galvez, C; Cabestany, J. "eCAALYX: A Assistential Telemedicine Platform". Event: "Fira

AVANTE: Exhibition of personal independence and quality of life". Barcelona, Spain.

Main benefits of eCaalyx system were presented from point of view of health

professionals. June 2010. o AK Bourke, P van de Ven, M Gamble. R O'Connor. K Murphy. E Bogan. E McQuade. P

Finucane, G Olaighin, J Nelson, "Applications of Waist Segment Kinematic

Measurement using Accelerometry for an Autonomous Falldetection System during

Continuous Activities", in ISSC, Irish Signals and Systems Conference. 2010: Cork,

Ireland. June 2010.

Francisco Nunes, Paula Alexandra Silva, Filipe Abrantes, Human-Computer Interaction and the Older Adult: An Example Using User Research and Personas, ABRA workshop, Petra. June 2010.

'La innovacion al servicio de la salud y la calidad de vida'. Health goverment of

Andalusia invited. March 2010. o AALIANCE Conference.

Ambient Assisted Living: Technology and Innovation for Ageing Well. "Reusing the Telecom infrastructure to deploy efficient and adaptable home

healthcare solutions". March 2010. o Wireless Sensing Research and Connected Health Activities in Ireland. May 2010. o eCAALYX: A Telemedicine Platform.



I Jornada R+D+i en TIC i Salut a Catalunya : per a centres universitaris, tecnologics,

assistencials i empreses del sector. May 2010. o I Conference on ICT and Health in Catalonia, Girona. eCAALYX poster presentation.

May 2010.

7th International Conference on Wearable Micro and Nano Technologies for Personalized Health (pHealth 2010), Berlin. eCAALYX poster presentation. May 2010.

AVANTE: exhibition for personal autonomy and quality of life, Barcelona.. Presentacion of eCaalyx-Caalyx-MV: A Telemedicine Platforms. June 2010.

IEEE Engineering in Medicine and Biology Conference. Buenos Aires, Argentina. Sep 2010.

AAL Forum 2010. FhP had a dedicated space to eCAALYX in its booth. Small demo of

the current sw prototype. Sep 2010. o AAL Forum 2010.

Presentation of "Usability Testing Guidelines for Older Adults". Sep 2010.

CARDI cross-border seminar series - Older People and the Recession 'An age old

problem - where now for rural services?'. Dec 2010. o SAAL: Smart Ambient Assisted Living, kickoff meeting. eCAALYX project presentation.

Jan 2011.

AAL Congress 2011, Berlin, Germany. eCAALYX poster presentation. eCAALYX

leafleats, visit for congress attendants at the Centre for cardiovascular Telemedicine

(presentation projects)Jan 2011. o ITMA / IFAI Advanced

Textiles Europe, Barcelona, Spain. eCAALYX leaflets in CETEMMSA DEPHOTEX Booth. 100000 visitors from 138

countries. Sep 2011. o AAL FORUM 2011, Lecce, Italy. eCAALYX leaflets and System Demonstrator in the

eCAALYX booth. Sep 2011. o AAL FORUM 2011, Lecce, Italy. Talk describing the 2nd year trials regarding the

eCAALYX's Home System. Sep 2011. o TechTextile.Frankfurt: International Trade Fair for Technical Textiles and Nonwovens, Franckfurt, Germany.

eCAALYX poster presentation o

eCAALYX leaflets. May 2011.

Meeting with Andalucia's Innovation and Sciencie Minister. eCAALYX platform

demonstration. Nov 2011. o Meeting with the Spanish

Telecommunication Secretary. Ideas on how to exploit

eHealth in Spain were discussed. eCAALYX project presentation. July 2011.

Meeting with Lula Da Silva. Telefonica's eHealth products were shown to the ex-president of Brazil. eCAALYX presentation. April 2011.

Alan K. Bourke, Amanda M Clifford, Valerie Power, and John Nelson "A Wearable Fall detection and Activity Monitoring System Integrated into a Smart Garment", presentation at the Centre for



Ageing Research and Development in Ireland Conference, Dublin. November 2011. European Technology Platform for the future of Textiles and Clothing. Dissemination of the eCAALYX project and specifically the developments done on the smart garment. March 2012. III Jornades R+D+i en TIC i Salut. Girona, Spain. eCAALYX presentation. June 2012. o Algorithms performing for automatic detectiion of Chronic Obstruction Pulmonary Disease's (COPD) exacerbations. eCAALYX project. June 2012. A workshop at the Joint world Congress of ISPGR and Gait and Mental Function conference titled: "THE USE OF WEARABLE INERTIAL SENSORS TO IDENTIFY FALLS AND ESTIMATE THE RISK OF FUTURE FALL EVENTS". June 2012. Amanda M Clifford, Title: "Falls Prevention and the Role of Technology". June 2012. Prescher, Sandra (2012): Telemedizinische Mitbetreuung aus Anwendersicht, 5. Workshop Intelligente Sensorik Energiehaushalt intelligenter Sensorsvsteme/ Medical Valley, 12th of July 2012, Erlangen/ Germany ITMA/IFAI: Textile Stakeholders. 100.000 visitors from 138 countries. AAL Forum, 2011, LECCE: AAL researchers and professional users /1000 visitors and participants. TechTextile.Frankfurt:Textile Stakeholders, scientist and companies in Europe / 23902 visitors and 1248 exhibitor. Public Administration Spanish Stakeholders: 15. Brazilian Public Administration: 2. III Jornades R+D+i en TIC i Salut. Catalan and French AAL research groups, companies and technology centers and health care. / 250 visitors, 28 research groups, 34 companies i 8 health care centers. 40 persons working in the field of telemedicine/AAL and medical products. Germany. 50 including Academic and industrial representatives from those interested in connected health in Ireland. Type and size of audience reached by I Jornades R+D+i en TIC i Salut. Catalan and French AAL research dissemination groups, companies and technology centers and health care, ICT and activities health researchers and managers. 80 - 120 attendants. 7th International Conference on Wearable Micro and Nano Technologies for Personalized Health (pHealth 2010), Berlin. Health researchers and engineers, enterprise representatives, 150 - 200 attendants. AVANTE 2010. More than 1000 specialists from 23 different countries. AAL Forum 2010. AAL researchers and professional users /700 visitors and participants I Congress of the Balearic Geriatrics Society, Palma de Mallorca, November 2009. Physicians (geriatricians) 50-100 attendants. AALIANCE Conference, 2010. Academic /118.



PROJECT: EmotionAAL

Ahmad, M.; Sonksen, J.; Storch, N.; Krause, H.; Shrestha, J.; Blom, S.; Pötzel, A.; Kudhair, B. & Hillmer, H. (2010): Semiconductor laser based sensors for intelligently networking sensing systems. In: IEEE Technical Digest INSS, pp. 101-106.

Albrecht, A.; Mai, H. H.; Daneker, V.; Wang, X.; Schudy, S.; Woit, T.; Schultz, K.; Woidt, C.; Setyawati, O.; Köhler, F.; Wittzack, S.; Engenhorst, M.; Bartels, M. & Hillmer, H. (2010): Optical Characterization of High-resolution Optical Nanospectrometers for Networked Sensing Systems. In: IEEE Technical Digest INSS, , pp. 175-178.

Albrecht, A.; Wang, X.; Mai, H. H.; Schotzko, T.; Memon, I.; Bartels, M.; Hornung, M. & Hillmer, H. (2012): High vertical resolution 3D Nano-Imprint Technology & its application in optical nanosensors. Nonlinear Optics & Quantum Optics, 2012(43), pp. 339-353.

Franz, M. & Trebbin, A. (2010): Telemedizin als Beitrag zur Sicherung der Nahversorgung im Ländlichen Raum - das Projekt EmotionAAL. In: Geographische Handelsforschung, Aktuelle Trends in Einzelhandel; Issue 27, p. 49.

Kuvaja-Köllner, V.; Steffansson, M.; Kettunen, A. (2013): ICT with feedback supporting people in high risk of type 2 diabetes mellitus: Case EmotionAAL pilot in Finnish primary health care context. In: Journal of Diabetes Science & Technology; January 2013; 7(1), pp 287-288.

Kuvaja-Köllner, V.; Steffansson, M.; Kettunen A. (2013): The use, possibilities, & challenges of information & communication technology in remote health monitoring & prevention of illnesses: Results from the EmotionAAL project in Piek-sämäki, Finland in 2009-2012. In: Diaconia University of Applied Sciences series, (70

pages). Forthcoming [2013].

Lindlar, M. (2011): Die Entwicklung von AAL vorantreiben -DGG-Mitglieder engagieren sich im EU-Projekt "The EmotionAAL Village"., In: EHEALTHCOM, p. 47.

Mai, H.; Albrecht, A.; Woidt, C.; Wang, X.; Daneker, V.; Setyawati, O.; Woit, T.; Schultz, K.; Bartels, M. & Hillmer, H. (2012): 3D nanoimprinted Fabry-Perot filter arrays & methodologies for optical characterization. In: Applied Physics B: Lasers & Optics,, 107, pp. 755-764.

Trebbin, A.: Franz, M.: Hassler, M. (2013): Großhandelskooperationen für den kleinflächigen Einzelhandel in ländlichen Räumen am Beispiel Mittelhessen. In: Zeitschrift für Wirtschaftsgeographie forthcoming.

Publications (scientific or other), which are the direct result from the project work



Wang, X.; Albrecht, A.; Schudy, S.; Woit, T.; Daneker, V.; Schultz, K.; Mai, H. H.; Köhler, F.; Wittzack, S.; Bartels, M. & Hillmer, H. (2012): High-resolution, Low-cost Microsensors for Networked Sensing Systems: Optical Nanospectrometers with Nanoimprinted Cavities of Filter Arrays. In: IEEE Technical Digest INSS, pp. 171-174.

Wessig, K. (2011): <u>Telemonitoring und Ambient Assisted Living:</u> <u>Anforderungen und Visionen.</u> In: Picot, A. / Braun, G. (2011): <u>Telemonitoring in Gesundheits- und Sozialsystemen</u> - Eine eHealth - Lösung mit Zukunft, pp. 69-81. Springer Verlag Berlin, Heidelberg.

Wessig, K. (2009): AAL als Basis für ein sorgenfreies Leben bis ins hohe Alter. In: Krankenhaus, Technik + Management 3, pp 18.

Wessig, K. (2009): Microsystems Conquer Medical Technology. In: Meditec international, branch magazine for medical technology, p. 28. mi-Verlag, Landsberg.

Franz, M.; Trebbin, A.: "Telemedizin als Beitrag zur Sicherung der Nahversorgung im Ländlichen Raum" at: "6. Fachkreissitzung Kleinfläche und Convenience". 28.9.2010, Karlsruhe.

Franz, M.; Trebbin, A.: "Telemedizin als Beitrag zur Sicherung der Nahversorgung im Ländlichen Raum" at: "Jahrestagung des Arbeitskreises Geographische Handelsforschung". 18.6.2010, Würzburg.

Kuvaja-Köllner, V.; Steffansson, M.; Kettunen, A.: "The ICT together with feedback from nurse motivates people at high risk for type 2 diabetes to do better self-care management". Poster presentation at: XVII Kansallinen eHealth ja telelääketieteen seminaari (Finlands'National eHealth & telehealth seminar), 11.-13.04.2012.

Other dissemination activities

Kuvaja-Köllner, V.: "AAL - Ambient Assisted Living (20082013) - ohjelma: Kotona mahdollisimman pitkään teknolo-gian tuella-hanke (2009-2012) Ikääntyvien terveyttä ja ko tona selviytymista haja-asutusalueella tukeva euroop-palainen toimintamalli". Oral presentation at: Maaseudun palvelujen ja hyvinvoinnin tutkijatapaaminen Jyvaskylassa(Meeting of researches of rural services & welfare services). Jarjestajana Maaseutupolitiikan yhteistyoryhma ja Tervey-den- ja hyvinvoinnin laitos 23.04.2009, Jyvaskyla.

Kuvaja-Kollner V.; Karttunen A.; Kettunen A.; Wessig, K.: "Long distances & lack of services portray the life in rural areas in Finland. Results from EmotionAAL survey". Oral presentation at: 10th Nordic Public Health Conference 2426.8.2011, Turku.

Kuvaja-Kollner, V.; Steffansson, M.; Kettunen, A.: I"CT supported diabetes prevention & self-care management - Experiences from the EmotionAAL project in Finland". Oral presentation at: AAL 2012



Forum. 26.9.2012, Eindhoven. (Extended abstract to the Ambient Assisted Living-abstract book. In print.)

Kuvaja-Kollner, V.; Steffansson, M.; Kettunen, A.: "ICT in motivating people to do better self-care management". Poster presentation at: 7th world congress on Prevention & its Complications. 11.-14.11.2012, Madrid, Spain. Minerva Endocrinologica. (Abstract book. Vol. 37, suppl. 1, N: 4, December 2012, p. 105).

Kuvaja-Kollner, V.; Steffansson, M.; Kettunen, A.: "Differences in German & Finnish diabetes prevention & self-care management - do the incentives steer in the right direction?" Poster presentation, at: 7th world congress on Prevention & its Complications. 11.-14.11.2012, Madrid, Spain Minerva Endocrinologica. (Abstract book. Vol. 37, suppl. 1, N: 4, December 2012, p. 26).

Lindlar, M.; Seider, D.; Mohr, S.: "Plug&Care-Connector - a middleware to reduce costs & create platform independence in telemonitoring programs". At: Med-e-Tel International eHealth, Telemedicine & Health ICT Forum. 17.-20.04.2012, Luxemburg.

Lindlar, M.: "Rolle von Smartphones in der Medizin von Morgen". At: Leben 3.0 fair - Treffpunkt Zukunft. 14.03.2012, Cocoonclub, Frankfurt am Main.

Lindlar, M. (2011): "DLR-Plug&Care-Connector A middleware to permit platform independent medical (tele-assistance on your smartphone or PC". At: 1st envihab-Symposium. 23.-24.05.2011, Cologne.

Lindlar, M.: "DLR-Plug&Care-Connector Telemonitoring mit Smartphones und Tablets zur Steigerung von Mobilität und Compliance". At: Telemed 2011. 19.11.2011, Berlin.

Parkinnen, M. et al: "Via Appia Final Short". Presentation at: AAL 2012 Forum, 26.9.2012. Eindhoven.

Trebbin, A.; Franz, M.: "Nahversorgung für eine alternde Bevölkerung im ländlichen Raum", in the frame of the workshop "Herausforderung Ländlicher Räume im 21. Jahrhundert", Arbeitskreis Ländlicher Raum in der DGFG. 11.06.2010, Berlin.

Wang, X.; Albrecht, A.; Woit, T.; Bartels, M.; Mai, H.; Schudy, S.; Daneker, V.; Schultz, K.; Köhler, F.; Wittzack, S.; Sandhagen, C.; Köcher, W. & Hillmer, H.: "High Resolution 3D Nanoimprint Technology & Its Application in Optical Sensors & Photonic Devices Techn. Digest", At: 9th International Conference on Nanoimprint & Nanoprint Technology (NNT2010). 12.-14.10.2010, Copenhagen.



Warburg, F.: "Telemedizin. Ein Beitrag zur Sicherung der medizinischen Versorgung im ländlichen Raum?" At: Dorfentwicklung und Nahversorgung in Nordhessen. 29.02.2012, Kassel.

Wessig, K.: Presentation at IEEE 2012 (16.12.12), Singapore.

Wessig, K.: "EMOTIONAAL - ein innovatives Konzept zur Gesundheitsförderung und Versorgung in ländlichen Räumen". Presentation and Poster at: AAL Congress. 28.29.01.2009, VDE Berlin.

Wessig, K.: "Telemonitoring: an international comparison, call "ICT based solutions for Prevention & Management of Chronic Conditions of Elderly People" in European "Ambient Assisted Living Joint Programme (AAL JP)". Presentation at: CeBit Telehealth. 05.03.2009, Fair Hannover.

Wessig, K.: "The emotional village: a modern seamless integrative community concept of social services & novel nanosensoric biofeedback systems for self care, prevention, social services & assistance". At: Technical Assisted Rehabilitation Congress 18.-19.03.2009, VDE Berlin.

Wessig, K.: "Hello, how are you? The Doc in the Box concept". Poster presentation at: Congress for Technical Assisted Rehabilitation, 18.-19.03.2009, VDE Berlin.

Wessig. K.: "Ambient assisted living. Technisch unterstütztes Leben zur Sicherung von Autonomie und sozialer Teilhabe im Alter, Ideen, Konzepte und Geschäftsmodelle für die Medizintechnik. Oral presentation opening conference at: 17. Würzburger Kongress für Medizintechnik WÜMEK. 11.05.2009, Maritim Hotel Würzburg.

Wessig. K.: "Telemedizin, Telenursing und Telemonitoring als Teilaspekte der erfolgreichen Implementierung von AAL Strategien". Oral presentation at: "Telemedizin" Conference. 06.07.2009, Münchner Kreis, Sheraton Hotel, Munich.

Wessig, K.: "Soziotechnologische Strategien zur Gesundheitsförderung und Kundenbindung im Lebensmittelmarkt". Presentation at: different international congresses e.g.. AAL Forum Lecce, Italien; Ludwig Maximilians Universität, Munich; Deutsches Forschungszentrum für künstliche Intelligenz, St. Wendel).

Reports/stories in different newspapers 8 times, participation in SavonSolmu exposition in Pieksämäki 2010 & 2012 times, participation in many different happenings for older people & also in pilot village areas.



Type and size of audience reached by dissemination activities	- Scientific & non-scientific audiences, divergent size of audience, (approx. 50 - 200 researchers/participants joining each oral presentation)
	 Scientific audience, more than 2,000 in total Readers/recipients of newspapers where EmotionAAL reports/stories were published: Savon Sanomat 66,000, Länsi-Savo: 24,500, Maaseudun Tulevaisuus: 83,200, Pieksämäen Lehti: 6,500 Contacts with people in exposition & other activities approx. 400 people during 2009-2012

	PROJECT: H@H	
Publications (scientific or other), which are the direct result from the project work	La eHealth Week 2011: le tecnologie dell'informazione forniscono una cura ai crescenti costi dell'assistenza sanitaria in Europa. By Christina Roosen and Corinne Wenner	
	- Project Factsheet: by Luca Fanucci	
	- A flexible telemedicine platform integrated with the Hospital Information System for patients affected by chronic heart failure: Luca Fanucci, <i>Member, IEEE</i> , Sergio Saponara, Tony Bacchillone, Massimiliano Donati, Claudio Passino, Filippo Costalli, Isabel Sanchez-Tato	
	- "A homecare model for patients with chronic heart failure" European Union: issue 20, 2010	
	- Two networks sharing one goal, Javier Gabilondo.	
	Full publications and press articles are reported in D6.3	
Other	H@H website (specifications are reported in D6.1)	
dissemination activities	Other dissemination materials: brochure, poster, logo	
Type and size of audience reached by dissemination activities	20-100 participants in events and conferences. The audience was mainly made of research community representatives, public administrations (hospitals, regional authorities), students	

PROJECT: HAPPY AGEING			
Table of Publications (scientific or other) Project participant responsible (indicate country)	Activity	Medium and reference (press, event, newsletter, webpage, etc.)	Type and size of audience
ISO/HU	dissemination/ presentation	eVita National Technology Platform Forum, Budapest evitaplatform.hu/hu/forum, 02/09/2010.	40 persons from "R&D" and other AAL JP projects



ISO/HU dissemination/TV report MTV1, 29/05/2010. ISO/HU dissemination/TV report MTV1, 29/05/2010. ISO/HU dissemination/TV report MTV2, 28/10/2010. ISO/HU dissemination/rad io report MTV2, 28/10/2010. ISO/HU dissemination/rad io report MTV2, 28/10/2010. ISO/HU dissemination/rad io report MTV2, 28/10/2010. ISO/HU dissemination/rad io report MTV2, 28/10/2010. ISO/HU dissemination/rad io report MU2/2010. ISO/HU Symposium/ Hungarian National Radio – MR1- Kossuth, 22/12/2010. ISO/HU Symposium/ International Conference on Pervasive Technologies Related to Assistive Environments, PETRA11. 25-27/05/2011, Crete, Greece. Publication/proceedings (in press): - Marcellini F, Bevilacqua R., Stara V. "HAPPY AGEING (AAL-2008-1-113) project overview. Solutions for independent living and technology acceptance". - Szeman Z, Kucsera C. "HAPPY
ISO/HU dissemination/TV report MTV2, 28/10/2010. ISO/HU dissemination/rad io report MTV2, 28/10/2010. ISO/HU dissemination/rad io report Kossuth, 07/06/2010. ISO/HU dissemination/rad io report Kossuth, 07/06/2010. ISO/HU dissemination/rad io report Kossuth, 22/12/2010. ISO/HU Symposium/ International Conference on PErvasive Technologies Related to Assistive Environments, PETRA11. 25-27/05/2011, Crete, Greece. Publication/proceedings (in press): - Marcellini F, Bevilacqua R., Stara V. "HAPPY AGEING (AAL-2008-1-113) project overview. Solutions for independent living and technology acceptance".
ISO/HU dissemination/TV report MTV2, 28/10/2010. ISO/HU dissemination/rad io report Hungarian National Radio – MR1- Kossuth, 07/06/2010. ISO/HU dissemination/rad io report Hungarian National Radio – MR1- Kossuth, 07/06/2010. ISO/HU dissemination/rad io report Hungarian National Radio – MR1- Kossuth, 22/12/2010. ISO/HU Symposium/ Workshop International Conference on PErvasive Technologies Related to Assistive Environments, PETRA11. 25-27/05/2011, Crete, Greece. Publication/proceedings (in press): - Marcellini F, Bevilacqua R., Stara V. "HAPPY AGEING (AAL-2008-1-113) project overview. Solutions for independent living and technology acceptance".
ISO/HU ISO/HU dissemination/rad io report ISO/HU ISO/HU dissemination/rad io report Hungarian National Radio – MR1- Kossuth, 07/06/2010. Hungarian National Radio – MR1- National wide Hungarian National Radio – MR1- Kossuth, 22/12/2010. ISO/HU INRCA/IT CETEMMSA/ES International Conference on PErvasive Technologies Related to Assistive Environments, PETRA11. 25-27/05/2011, Crete, Greece. Publication/proceedings (in press): - Marcellini F, Bevilacqua R., Stara V. "HAPPY AGEING (AAL-2008-1-113) project overview. Solutions for independent living and technology acceptance".
ISO/HU dissemination/rad io report Hungarian National Radio – MR1- Kossuth, 07/06/2010. Hungarian National Radio – MR1- National wide Hungarian National Radio – MR1- National wide Hungarian National Radio – MR1- National wide Symposium/ Symposium/ Workshop Hungarian National Radio – MR1- National wide Fervasive Technologies Related to Assistive Environments, PETRA11. 25-27/05/2011, Crete, Greece. Publication/proceedings (in press): Marcellini F, Bevilacqua R., Stara V. "HAPPY AGEING (AAL-2008-1-113) project overview. Solutions for independent living and technology acceptance".
io report ISO/HU ISO/HU ISO/HU ISO/HU ISO/HU INRCA/IT CETEMMSA/ES ISO/HU INRCA/IT CETEMMSA/ES ISO/HU INRCA/IT CETEMMSA/ES INTERNATION
ISO/HU ISO/HU ISO/HU INRCA/IT CETEMMSA/ES dissemination/rad io report Workshop Hungarian National Radio – MR1- Kossuth, 22/12/2010. International Conference on Pervasive Technologies Related to Assistive Environments, PETRA11. 25-27/05/2011, Crete, Greece. Publication/proceedings (in press): - Marcellini F, Bevilacqua R., Stara V. "HAPPY AGEING (AAL-2008-1-113) project overview. Solutions for independent living and technology acceptance".
io report ISO/HU INRCA/IT CETEMMSA/ES Symposium/ Workshop Workshop Fervasive Technologies Related to Assistive Environments, PETRA11. 25-27/05/2011, Crete, Greece. Publication/proceedings (in press): - Marcellini F, Bevilacqua R., Stara V. "HAPPY AGEING (AAL-2008-1- 113) project overview. Solutions for independent living and technology acceptance".
ISO/HU Symposium/ Workshop International Conference on PErvasive Technologies Related to Assistive Environments, PETRA11. 25-27/05/2011, Crete, Greece. Publication/proceedings (in press): - Marcellini F, Bevilacqua R., Stara V. "HAPPY AGEING (AAL-2008-1-113) project overview. Solutions for independent living and technology acceptance".
INRCA/IT CETEMMSA/ES Workshop PErvasive Technologies Related to Assistive Environments, PETRA11. 25-27/05/2011, Crete, Greece. Publication/proceedings (in press): - Marcellini F, Bevilacqua R., Stara V. "HAPPY AGEING (AAL-2008-1- 113) project overview. Solutions for independent living and technology acceptance".
Assistive Environments, PETRA11. 25-27/05/2011, Crete, Greece. Publication/proceedings (in press): - Marcellini F, Bevilacqua R., Stara V. "HAPPY AGEING (AAL-2008-1- 113) project overview. Solutions for independent living and technology acceptance".
25-27/05/2011, Crete, Greece. Publication/proceedings (in press): - Marcellini F, Bevilacqua R., Stara V. "HAPPY AGEING (AAL-2008-1- 113) project overview. Solutions for independent living and technology acceptance".
Publication/proceedings (in press): - Marcellini F, Bevilacqua R., Stara V. "HAPPY AGEING (AAL-2008-1- 113) project overview. Solutions for independent living and technology acceptance".
- Marcellini F, Bevilacqua R., Stara V. "HAPPY AGEING (AAL-2008-1-113) project overview. Solutions for independent living and technology acceptance".
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113) project overview. Solutions for independent living and technology acceptance".
independent living and technology acceptance".
acceptance".
I SZEMAN / KUCSETA (: "HAPPY I
AGEING: Users' Expectations ".
ACENTO. COCIO Exposicionio .
ISO/HU Publication Kucsera, C. (2011) Ageing at home. International wide
Support of Quality of Life with ICT
devices. (paper accepted
publication by the Visegrad Fund).
CETEMMSA/ES Publication The Parliament, 31/05/2010. National wide
Brussels-based information website
CETEMMSA/ES Publication Regional Review, 31/03/2010 National wide
Brussels-based information
magazine. The Regional Review
highlights innovation and best
practice
CETEMMSA/ES Fair + conference Avante, 2-4/06/2010 Barcelona, European wide
ABACUS/IT Spain.
CETEMMSA/ES Publication The Parliament, 31/05/2010 National wide
Brussels-based information website
CETEMMSA/ES Publication "Mataro acoge una reunion National wide
internactional del proyecto europeo Happy Ageing", TELEPRENSA,
Happy Ageing", TELEPRENSA, 07/04/2011.
INRCA/IT International ForitAAL2009, 10-11/09/2009, European wide
Conference Lecce, Italy.
INRCA/IT International AAL FORUM - Innovative ICT European wide
Conference Solutions for Older Persons. A New
Understanding, 29/09/2009, Wien,
Austria.
INRCA/IT International OASIS 1st International conference. European wide
Conference 4-5/11/2009, Florence, Italy.



INRCA/IT	International Conference	"Long-term care in Europe: current challenges and future perspectives", 24/06/2010, Ancona, Italy.	European wide
INRCA/IT	National Conference	"Nonni e nipoti a scuola di salute". Effetti inaspettati derivanti da nutrizione ed ambiente. 24/07/2010, Camerano, Italy.	National wide
INRCA/IT	International Conference	AAL Forum 2010 Smart solutions, new markets. 24/07/2010, Odense, Denmark.	National wide
INRCA/IT	National Conference	ForitAAL2010, 6-8/10/2010, Trento, Italy.	National wide
INRCA/IT	National Expò	Terza età expo, 01-03/10/2010, Ancona, Italy.	National wide
INRCA/IT	International Workshop	"Chronic diseases management & prevention for Healthy Ageing", 13/04/2011, Ancona, Italy.	International wide
INRCA/IT	International Conference	"Technologies' acceptance in the self-serve society" Proceedings of AAL FORUM 2011 – 26-28/09/2011, Lecce, Italy.	European wide
INRCA/IT	National Conference	SISTEMI SOCIO SANITARI INTELLIGENTI - terza età ed accessibilità, disabilità ed accessibilità, longevità e modelli sociali". 1/10/2011, Ancona, Italy.	National wide
INRCA/IT	Infoday	"Progetti Europei di successo nel campo dell'invecchiamento" Progetto Mattone Internazionale – Infoday, 4/11/2011, Ancona, Italy.	National wide
UNIEKBO/NL	Information about prototype phase (in Dutch)	Newsletter Unie KBO (Wegwijzer), 14/10/2010.	National wide
UNIEKBO/NL	PowerPoint presentation about the prototype phase (in Dutch)	Meeting for the members of the Unie KBO, 16/10/2010.	
UNIEKBO/NL	PowerPoint presentation about the project (in Dutch)	Meeting for the Dutch project leaders AAL NL at ZonMw, 16/02/2011	National Wide
UNIEKBO/NL	Information about the field testing (in Dutch)	Direct mailing for the members of the Unie KBO, 03/05/2011	National Wide
UNIEKBO/NL	PowerPoint presentation about the project (in Dutch)	Meeting for the members of the Unie KBO, 31/05/2011	National Wide



UNIEKBO/NL	Article about Happy Ageing (in Dutch)	Magazine Unie KBO (Nestor), July 2011	National wide
UNIEKBO/NL	Web Information (in Dutch)	UNIE KBO website and intranet – pages and links for Happy Ageing, 2011.	National wide
GSI/UK	Web press releases	Web press dissemination in UK, 07/09;11/10;03/11/2009.	UK and EU
GSI/UK	Presentation	UK Technology Strategy Board Conference on Funding Success in Europe: Life Sciences. 20/04/2010.	UK
GSI/UK	Web profile	GSI website – pages and links for HAPPY Ageing as "Featured Project", Ongoing since 09/2009.	Global
GSI/UK	Presentation	Networking session at ICT 2010, 28 /09/2010, Brussels, Belgium.	European wide
GSI/UK	Network Dissemination	Informal presentations and cross-pollination with stakeholders and partners in related projects, including but not limited to: SENIOR, BRAID, Long Lasting Memories, Ongoing since 05/2009.	European wide
SPD/IT	Fair + conference	"Matching 2011". 21-23/11/2011, Milan, Italy.	International wide

	PROJECT: HELP
Publications (scientific or other), which are the direct result from the project work	In 18 months (including the end of December 2010), we had produced: - 7 oral presentations in several places and contexts (about 440 people listening) - 2 poster presentations (about 600 partecipants) - 3 invited lectures in medical congresses (660 people listening) - 1 paper and 1 book chapter on Gerontology - 1 contribution to AAL JP Brochure From January 2011 to December 2012 we have produced: - 20 oral presentations in several places and contexts (about 1000 people listening) - 1 poster presentation to 3rd AAL Forum (Lecce, 2011) - 1 patent - 4 invited lectures in international medical congresses (600 people listening) - 2 book chapters - 1 contribution to AAL Forum (Eindhoven, 2012) — First classified-Prize - 2 papers on ISI journals with Impact Factor Including: • Publication in Deutscher AAL-Kongress Berlin, Germany, Jan 2011



Other dissemination activities	 Publication in 6th International Conference on Microtechnologies in Medicine and Biology (MMB 2011) Publication in IADIS International Conference on Internet Technologies & Society (ITS), Shangai, China Book chapter in Advanced Technologies and Societal Change series, Ambient Assisted Living, Reiner Wichert and Birgid Eberhardt editors, Springer, Berlin, 2011, Part 6, pp 295-305, DOI: 10.1007/978-3-642-18167-2_20 Paper on Advanced Drug Delivery Reviews Impact Factor: 11,5 Paper on International Journal of Pharmaceutics 429 (2012) 78-83, doi 10.1016/j.ijpharm.2012.03.022 (ISSN: 03785173) Publication in 3rd International Conference on the elderly and new technologies Castellön, Spain Publication in 34th Annual International Conference of the IEEE EMBS San Diego, California USA For an extensive view of all the dissemination actions carried out in HELP, please, consult D7.7 TV Story, presentation of the HELP Project to Spanish media, Dec 2011 Exhibition of Buccal Dose at trade fair, Compamed/Medica Düsseldorf, Germany 2011 TV Story, presentation of the HELP Project in Israel, (Channel 10, one of the 3 main channels) AAL Awards 2012, HELP winner of the contest
Type and size of audience reached by dissemination activities	HELP, please, consult D7.7 Clinical, Engineers and Industry. For TV stories, we targeted general public to make known the project to primary and secondary users.

	ROJECT: HERA	
Scientific International/European wide events: In the Third European Conference on Ambient Intelligence (AmI' Workshop on Interactions Techniques and Metaphors in Assistive Smart Environments (IntTech'09) we had a paper titled "Engineering an Agent-based Approach to Ambient Assisted Living". The paper presented the agent-based architecture foreseen for the HERA project. In the 11th International Workshop on Agent Oriented Software Engineering (AOSE 2010) we presented the agile agent-oriented software development method that we follow for developing the HERA software agents. Our paper was titled "Model-Driven Agents Development with ASEME". In the IEEE/WIC/ACM International Conference on Intelligent Ag Technology (IAT'10) we presented a novel technique for automating a large part of the code generation process from an agent design using the ASEM methodology that we use in HERA. The presented paper was titled "Modu JADE Agents Design and Implementation using ASEME".	national/European wide events: Third European Conference on Ambient Intelligence (Aml'09), nteractions Techniques and Metaphors in Assistive Smart (IntTech'09) we had a paper titled "Engineering an Agent-ch to Ambient Assisted Living". The paper presented the rchitecture foreseen for the HERA project. 11th International Workshop on Agent Oriented Software (AOSE 2010) we presented the agile agent-oriented software nethod that we follow for developing the HERA software aper was titled "Model-Driven Agents Development with (AT'10) we presented a novel technique for automating a large te generation process from an agent design using the ASEME that we use in HERA. The presented paper was titled "Modular"	



	In the Core Congress 2010. Bothe towards agre (original title in
Publications (scientific or other), which are the direct result from the project work	 In the Care Congress 2010 - Paths towards care (original title in German: "Pflegekongress 2010 - Wege zur Pflege. Hürdenlauf oder roter Teppich?") we presented an introduction of the HERA project in general, end-user involvement in Austria In the 10th IEEE International Conference on Information Technology and Applications in Biomedicine (ITAB 2010) we gave a presentation of the HERA architecture and the planned system evaluation process. Paper title: "A Novel Architecture and Process for Ambient Assisted Living - The HERA approach" In the Workshop on Artificial Intelligence Applications in Biomedicine (AIAB 2011) we gave a presentation of the AI techniques (argumentation technology) employed for the HERA system. Paper title: "Using Argumentation for Ambient Assisted Living" In the Chronically ill people - challenges for the health care system of the 21st century Health Symposium a Poster was presented; Title: end-user involvement in the HERA project In the VII European Congress Healthy and Active Ageing for all Europeans (IAGG) we gave an Oral presentation; Title: The HERA project development of a telemonitoring system and a Poster presentation: The HERA project In the Geriatrics Conference /Geriatriekongress 2011 we gave an Oral presentation; Title: Technic projects of the FRK In the eHealth Conference 2011 (zu) viele Köche, (k)ein Rezept? We gave a poster presentation: The HERA project Journal Publications: Technology connects people (original title in German: "Technik verbindet Menschen"). In: Vorrang, Vol 2, p 6, Österreichisches Rotes Kreuz, November 2009 Using the TV in a new way. In: Vorrang, Vol 9, Österreichisches Rotes Kreuz, p 12, 2011 Book chapter: Spanoudakis N., Moraitis P.: Using ASEME Methodology for Model-
	• Spanoudakis N., Moraitis P.: Using ASEME Methodology for Model- Driven Agent Systems Development. In: Weyns, D., Gleizes, M.P. (Eds.), Agent-Oriented Software Engineering XI, LNCS Vol. 6788, Springer-Verlag,
	2011.
Other dissemination activities	 Two workshops (one in Athens - Greece and one in Vienna - Austria) organized Website setup and maintenance (http://aal-hera.eu) Liaisons with two other related projects, o HOMEdotOLD "HOME services aDvancing the sOcial inTeractiOn of eLDerly people (AAL-2009-2-130), http://www.homedotold.eu/ o SOCIABLE "Motivating platform for elderly networking, mental reinforcement and social interaction" (ICT-PSP-238891), http://www.sociable-project.eu/ Project logo development Project leaflets and posters designed. Posters were demonstrated in the events where HERA presentations took place and more than 300 leaflets given away during events.
Type and size of	Athens Information day, more than 800 people attended
audience reached by dissemination activities	Our journal publications reached more than 98,000 potential users and professionals Project-related presentations have been done in 15 workshops/congress/conferences



PROJECT: HMFM

Konttila A., Harjumaa M, Muuraiskangas S, Joke/a M. ja Isomursu M.

"Touch n. Tag: Digital Annotation of Physical Objects with Voice Tagging", Journal of Assistive Technologies (accepted for publication in 2011 or 2012).

Ervasti, M, Isomursu, M, and Leibar, I.I.

"Touch- and Audio-based Medication Management Service Concept for Vision Impaired Older People", IEEE International Conference on RFID-Technologies and Applications (RFID-TA 2011), September 15-16, Barcelona, Spain, 2011.

Isomursu, M. and Harjumaa, M.

"Evaluating IT Based Services for Older Users", In: Castelnovo, W. and Ferrari, E. (Eds.) Proceedings of the 5th European Conference on Information Management and Evaluation, 2011, CD-ROM, Academic Conferences International (ACI), University of Insubria, Como, Italy

Harjumaa, M., Isomursu, M., Muuraiskangas, S. and Konttila, A. "HearMe: a Touch-to-speech UI for Medicine Identification", The 5th International ICST Conference on Pervasive Computing Technologies for Healthcare (PervasiveHealth), May 23rd - 26th Dublin, Ireland, 2011.

Vastianos, G.E, Kyriazanos, D.M., Segou, O.E. Mitilineos, S.A. and Thomopoulos, S.C.A.

"Indoor Localization Using Passive RFID", Proceedings of Signal Processing, Sensor Fusion, and Target Recognition, April, Orlando, Florida, USA, 2011.

Publications (scientific or other), which are the direct result from the project work

Mitilineos, S.A., Goufas, J.N., Segou, O.E., and Thomopoulos, S.C.A.,

"WAX-ROOM: an indoor WSN-based localization platform", •Proceedings of the XIXth SPIE Conference on Signal Processing, Sensor Fusion and Target Recognition - SPIE Defense Security and Sensing 2010 Symposium*, pp. 1-5, April 5-9, 2010.

Stelios A. Mitilineos, Dimitris M. Kyriazanos, Olga E. Segou, John N. Goufas, and Stelios C.A. Thomopoulos

"Wireless Sensors Networks for Indoor Localisation", Submitted for publication in Progress In Electromagnetics Research (PIER) online Journal, pending for review, 2010.

Olga E. Segou, Stelios Mitilineos, Stelios C.A. Thomopoulos



"DALE: A Range-Free, Adaptive Indoor Localization System Enhanced by Limited Fingerprinting", accepted for presentation and publication in the 2010 International Conference on Indoor Positioning and Indoor Navigation (IPIN), ETH Zurich, September 2010.

S. A. Mitilineos, J. N. Goufas,, O. E. Segou, and S. C. A. Thomopoulos

"An Indoor WSN-based Localization Platform Using XBee Radios and Arduino Microcontrollers, Incorporating Three Different Localization Techniques and an Optimal Fusion Rule", Proceedings of SPIE Defense Security and Sensing 2010, United States, Orlando, FL.

Haikio Juha, Wallin, Arto & Isomursu, Minna

"Digitally-enhanced services for the elderly", International Journal of Services Sciences (IJSSCI) - Special Issue on Innovative Information Technology in the Service Sector, 2010.

Mitilineos S. A. and Thomopoulos S. C. A.

"Development of a Compact SPA for 2.4GHz Applications using Commercially Available Elements: Design and Experimental Validation", published in the Proceedings of the 2009 Loughborough Antennas and Progapagation Conference, pp. 717-720, November 16-17, 2009, Loughborough UK.

Minna Isomursu, Mari Ervasti and Vili Tormanen
Medication Management Support for Vision Impaired Elderly Scenarios and Technological Possibilities. Accepted on Isabel
2009: 2nd International Symposium on Applied Sciences in
Biomedical and Communication Technologies

In addition, articles in professional magazines (such as Finnish Pharmacy magazine) and general media (Finnish newspapers, TV news, radio, UK-based Packaging Professional -magazine, and www.foodproductiondaily.com)

Other dissemination activities

Two projects stands at AAL Forum Presentations in national events Video (Finnish)

National press event (Finland) at the end of the project

Handbook of Ambient Assisted Living - Technology for Healthcare, Rehabilitation and Well-being Edited by Juan Carlos Augusto, Michael Huch, Achilles Kameas, Julie Maitland, Paul McCullagh, Jean Roberts,

Andrew Sixsmith, Reiner Wichert ISBN 978-1-60750-836-6 DOI: 10.3233/978-1 -60750-837-3-693 publisher = IOS Press year = 2012 Ambient Intelligence and Smart Environments Volume 11, 2012 Description of HMFM project in pages 716 - 718



Type and size of
audience reached by
dissemination activities

Scientific publications: researchers (size: thousands), HCI, mobile application, health and service professionals (hundreds) Professional magazines and general media: hundreds of thousands general audience AAL Forum: hundreds of AAL professionals and researchers

Video downloadable from VTT web site: some thousands (so far approx. 1000 views), mostly researchers

PROJECT: HOPE

- 1. November,2009.(http://www.ctap.es/copy/boletin/intercentros/boletin51.html)
- 2. IRCSS, Forus and Tracs released a paper on the HOPE project in November 2009 and in next publication on the Italian review "I Quaderni di Scienza & Vita", Associazione Scienza Vita editors, a quarterly publication on bioethical issues. The Italian article is named "La tecnologia al servizio della persona fragile: il progetto HOPE Smart Home for Elderly People" ("The technology for the fragile people: the HOPE project Smart Home for Elderly People").

Publications (scientific or other), which are the direct result from the project work

- 3. In June 2010, KMOP performed an interview for the online Magazine "Piraeus News" on the HOPE project that has been published the 9 July 2010 online. The Interview of Mrs Antonia Torrens, Managing Director of KMOP about the HOPE project and its progress, to the electronic journal Piraeus News (www.piraeusnews.gr), posted in the dedicated section of the journal's website "Interviews" http://www.piraeusnews.gr/index.php?option=com content&view=category&layout=blog&id=42&Itemid=96.)
- 4. Also an Article about the HOPE project in the publication of the Greek Association of Alzheimer's Disease and related Disorders (EENASD): "Information on Alzheimer's Disease", vol. 19 September-October- November 2010, p. 14
 - For the Italian monthly magazine "Come Stai", in the July 2010 issue, a detailed article describing the technical characteristics of the HOPE project together with the interest for Alzheimer's patients was published.
- 1. HOPE Logo: The HOPE logo main image is the simple representation of a home which however contents a lateral side human face representing a smart monitoring of all processes. Inside the face there are the connections between the human brain and the home, as blood vessels, but also representing the different branches of a tree to remember the "green" attention of the HOPE project to the energy consumption at home. The word "HOPE" is also included within the logo for direct reference to the EU project and below is highlighted the acronym description.
- 2. HOPE website. A website was also achieved for a better representation of the project to the scientific community and the



interested public through the use of internet. The web address is: http://www.hope-proj ect.eu/

- 3. Leaflets and posters were also created for the project emphasizing its social contribution and also including European Commission's logos. All these dissemination tools have been identified to be an attractive tool to be distributed during scientific meetings and conferences at national, European and international level to raise awareness of the scientific opportunity constituted by HOPE
- 4. Exhibitions, workshops, conferences e.g. (1)Forum Italiano AAL, Lecce (ITALY), 10-11 September 2009, (2)AAL FORUM, Vienna (AUSTRIA), September 29 October 1 2009, (3)"L'Assistenza Personalizzata al Malato Fragile:
 approcci clinici innovativi tra etica ed economia", IRCCS "Casa Sollievo della Sofferenza" San Giovanni Rotondo, Foggia (ITALY), Sala Convegni, 5 November 2009, (4) 54° Congresso Nazionale Societa Italiana di Gerontologia e Geriatria (SIGG); Salute e Benessere dell'anziano: la nostra missione; Firenze (ITALY), 2-5 December 2009, (5) 11th Panhellenic Congress of Gerontology Geriatric: 4-6 February 2010, Hotel Grande Bretagne, Athens, Greece, (6) 15-17 Feb. 2010 Barcelona World Mobile Congress 2010 (Barcelona),
 - (7) 9-10 March 2010 miEmpresa 2010 Trade Fair (Madrid),
 - (8) 11 12 March 2010 AALIANCE Conference (Malaga),

25th Annual International Conference of Alzheimer's Disease International Dementia: Making A Difference. Thessaloniki (GREECE), 10-13 March 2010, (10) European Conference on AAL, 11-12 March 2010, Malaga (SPAIN), (11) 11th International Geneva/Springfield Symposium on Advances in Alzheimer Therapy Geneva (SWITZERLAND), 24-27 March 2010, (12) 24th Annual State Conference on Alzheimer's Disease and Related Disorders, Kalahari Resort & Conference Center Wisconsin Dells, Wisconsin (USA), 2-4 May 2010, (13) Alzheimers New Zealand conference, Wellington (NEW ZEALAND), 6-8 May 2010, (14) EuroMedtech, Leipzig (GERMANY), 1-2 June 2010, (15) rkshop "Abuse of elderly" 14th of June in Athens, held by the NGO 50+ Hellas in the context of the EUSTaCEA Daphne project, (16) FORUM TECNIO Barcelona, 17 June 2010. Network of advanced research and technology transfer. (17)

Network of advanced research and technology transfer, (17)
Twentieth Meeting of the European Neurological Society,
Berlin (GERMANY), 19-23 June 2010, (18) ChinaBio,
Suzhou (CHINA), 23-24 June 2010, (19) Workshop "Learn
about the Alzheimer disease" 26th of June in Athens, held by
the "Prevention" magazine and sponsored by the Alzheimer's
Association of Athens, (20) SALON AVANTE Barcelona,
2_4 June 2010 participation with a booth in the R&D area.
Workshop "Driving innovation towards the real needs of the
advanced services for the elderly", (21) ESOF2010
Euroscience Open Forum, Turin (ITALY), 2-7 July 2010, (22) 7 th
FENS Forum of European Neuroscience, Amsterdam
(NEDERLANDS), 3-7 July 2010, (23) Alzheimer's
Association International Conference on Alzheimer's Disease
2010 Honolulu (HAWAII), 10-15 July 2010, (24) XII
International Congress on Neuromuscular Diseases, Naples

Other dissemination activities



(ITALY), 17-22 July 2010, (25) MedInfo 2010, Cape Town (SOUTH AFRICA), 13-16 September 2010, (26) AAL FORUM, Odense (DENMARK), September 15-17, 2010, (27) Raising awareness event "Elderly and Alzheimer disease" 21st of September, held by the NGO Socially cooperative activities "Edra" and the "Help at Home" programme of the Municipality of Peristeri, Municipality of Peristeri (Greater Athens), Greece., (28) Participation in the ICT 2010 Event in Brussels

- 5. On September 2010 KMOP organized two information and raising awareness events targeting older people that receive support in a community level by Open Care Community Centres (KAPIs) the majority of which, are managed and operated by local authorities. The two events were held in the second half of September in the context of the Global Day of Alzheimer's disease (21st September).
- 6. Radio Interviews: A radio interview was performed by the IT Engineer Dani Blanco and the International Project Manager MTarmen Margeli from CETEMMSA. The radio was Catalunya Informacio, the day of the transmission was 26th March 2010, the emission was "Economy and company". During the emission, Eng. Blanco discussed about technical characteristics of the HOPE project, sensors, database and connections. Besides, Mrs Margeli explain the interest of CETEMMSA in the future commercialization of HOPE, the improvements

in elderly care, and the engagement of the company in this field.

Another radio interview was performed by engineers from CITIC for the emission "Hoy por Hoy", Cadena Sera Andalucia, in Microspace: Andalucia

Innovation, the 24th June 2010. Last but not least, during the AAL Forum in Odense in September 2010, Mrs Katerina Gianniou from RTEL was interviewed by a German broadcaster. The whole system architecture and functionality was described in detail as well as the possibilities of future exploitation of the project results

Type and size of audience reached by dissemination activities

Older people (potential users of the HOPE system), as well as professionals in the field of community services and home care (social workers, psychologists, nurses, etc).

PROJECT: IS-ACTIVE

- Ileana Ciobanu and Mihai Berteanu (2012) Advanced Rehabilitation Technology. In: Applied Mechanics and Materials, Vol. 186, 2012, pp 35-45, Trans Tech Publications, Switzerland.
- Tabak, M. and Marin-Perianu, R.S. and Hermens, H.J. (2012) A serious game for COPD patients to perform physiotherapeutic exercises. In: Nationale Longdagen 2012, 12-14 April 2012, Utrecht, Netherlands. pp. 56-57

.



- Marin-Perianu, R.S. and Jimenez Garcia, J.C. and Bosch,
 S. and Marin-Perianu, M. and Havinga, P.J.M. (2012) Managing
 Chronic Conditions Using Wireless Sensor Networks. In: Handbook of Ambient Assisted Living. IOS Press, Amsterdam, pp. 626-639
- Bosch, S. and Marin-Perianu, R.S. and Havinga, P.J.M. and Horst, A.P. and Marin-Perianu, M.and Vasilescu, A. (2012) A study on automatic recognition of object use exploiting motion correlation of wireless sensors. Personal and Ubiquitous Computing. pp. 1-21.
- op den Akker, H. and Moualed, L.S. and Jones, V.M. and Hermens, H.J. (2011) A Self-Learning Personalized Feedback Agent for Motivating Physical Activity. In: Proceedings of ISABEL 2011: the 4th International Symposium on Applied Sciences in Biomedical and Communication Technologies, 26-29 Oct 2011, Barcelona, Spain. 147. ACM.

Publications (scientific or other), which are the direct result from the project work

- Bosch, S. and Marin-Perianu, R.S. and Havinga, W.K. and Marin-Perianu, M. (2011) Energy-Efficient Assessment of Physical Activity Level Using Duty-Cycled Accelerometer Data. In:The 2nd International Conference on Ambient Systems, Networks and Technologies, ANT 2011, 19-21 Sept 2011, Niagara Falls, Canada. pp. 328-335. Elsevier.
- Yalcin, C. and Marin-Perianu, M. and Marin-Perianu, R.S. and Havinga, P.J.M. (2011) Recognition of Walking Activities Using Wireless Inertial and Orientation Sensors: A Performance Evaluation. In: Workshop Proceedings of the 7th International Conference on Intelligent Environments, 25-28 July 2011, Nottingham, UK. pp. 734-740. IOS Press
- Wieringa, W. and op den Akker, H and Jones, V.M. and op den Akker, R and Hermens, H (2011) Ontology-Based Generation of Dynamic Feedback on Physical Activity. In: Proceedings of the 13th Conference on Artificial Intelligence in Medicine, 2011, pp. 55-59.
- op den Akker, H. and Hermens, H.J. and Jones, V.M. (2011) A Context-Aware Adaptive Feedback System for Activity Monitoring. In: Book of Abstracts of ICAMPAM 2011, Glasgow, United Kingdom.
- Ruxandra Badea, Luminita Dumitru, Alina Iliescu, Horatiu Dinu, Ileana Ciobanu, Mihai Berteanu (2011) IS-ACTIVE Project in Lab Trial Phase. In: Romanian Journal of Physical and Rehabilitation Medicine, Vol. 21, No. 2, 2011, Suppl. page 64-65.
- op den Akker, H. and Jones, V.M. and Hermens, H.J. (2010) Predicting Feedback Compliance in a Teletreatment Application. In:



- 3rd International Symposium on Applied Sciences in Biomedical and Communication Technologies, Rome, pp. 1-5. IEEE.
- Bosch, S. and Marin-Perianu, R.S. and Marin-Perianu, M. and Horst, A.P. and Vasilescu, A. and Havinga, P.J.M. (2010)
 Automatic Recognition of Object Use Based on Wireless Motion Sensors. In: International Symposium on Wearable Computers 2010, 10-13 Okt 2010, Seoul, South Korea. pp. 143-150. IEEE
- Avci, A. and Bosch, S. and Marin-Perianu, M. and Marin-Perianu, R.S. and Havinga, P.J.M. (2010) Activity Recognition Using Inertial Sensing for Healthcare, Wellbeing and Sports Applications: A Survey. In: ARCS 2010, 22-23 Feb 2010, Hannover, Germany. pp. 167176. VDE Verlag.
- Bosch, S. and Marin-Perianu, M. and Marin-Perianu, R.S. and Havinga, P.J.M. and Hermens, H.J. (2009) Keep on Moving! Activity Monitoring and Stimulation Using Wireless Sensor Networks. In: EuroSSC 2009, Guildford, United Kingdom. pp. 11-23. Springer Verlag.
- Op den Akker, H. and Jones, V. and Hermens, H.J. (2009) Personalized Feedback based on Automatic Activity Recognition from Mixed-Source Raw Sensor Data. In: Proceedings of the Intelligent Data Analysis in bioMedicine and Pharmacology (IDAMAP) Workshop, July 2009, Verona, Italy. pp. 65-66.

Brochures, posters and other dissemination materials

- Pingvinen hospital magazine and online newspaper published an article about IS-ACTIVE in its edition from November 2011.
- IT-FUNK online newsletter, the Norwegian Research Council's RTD-programme on ICT for people with disability, published an article about IS-ACTIVE on 23 October 2011.
- European Commission portal: on 5 October 2011, the European Commission portal published an article about IS-ACTIVE.
 - CTIT progress report on 2011-2012 describes the IS-ACTIVE project as being an inspiring example of how working directly with healthcare professionals, informal carers and patients themselves is the best way forward.
- Online newsletter Forskning.no devoted a newsletter to IS-ACTIVE on 22 September 2011.
- The Dutch Zorgvisie magazine publishes an article about the AAL program and the **iS-ACTIVE** project

orkshops and events

■ 7-th International Conference on Optimization of the Mechanical Engineering, Manufacturing Systems, Robotics and Aerospace (OPTIROB 2012) - University Hospital Elias presented the fulltext article Advanced Rehabilitation Technology describing IS-ACTIVE



- Project marathon Troms0 Telemedicine Laboratory, 18 June 2012 - IS-ACTIVE was presented in an oral presentation entitled "IS-ACTIVE".
- The Second Conference of Physical Medicine and Rehabilitation, Bucharest, Romania, 25-26 May 2012 presentation of IS-ACTIVE
- Info Day Ambient Assisted Living, Bucharest, Romania,
 6 April 2012 presentation of IS-ACTIVE
- LHL local branch leader meeting, Skibotn, Troms, Norway, 3 of March 2012 presentation of IS-ACTIVE
- The Innovation Convention exhibition in Brussels, 5-6
 December 2011 the IS-ACTIVE project held a stand; ISACTIVE was selected as one of the 50 most innovative
 projects of 2011 in Europe and it was shortlisted out of 450
 applicants from various fields of applications.

Other dissemination activities

- Welfare Technology Conference, 8-9 November 2011 -IS-ACTIVE was presented in a talk entitled "Motivation to physcial activity in daily life for COPD" 34th National Congress of Physical and Rehabilitation Medicine, Poiana Brasov, Romania, 2-5 November 2011 poster "IS-ACTIVE Project in Lab Trial Phase"
- Politehnica Universities of Timisoara and Bucharest, 2011 oral presentations of IS-ACTIVE
- IT-FUNK User forum, Oslo, 6 September 2011 oral presentation entitled "IS-ACTIVE Inertial Sensing Systems for Advanced Chronic Condition Monitoring and Risk Prevention"
- IS-ACTIVE finalist of the AAL Forum AWARD 2011
- AAL Forum, Lecce, Italy, 26-28 September 2011 IS-ACTIVE held a stand and was presented during the forum
- Project marathon Troms0 Telemedicine Laboratory, 23 August 2011 - oral presentation entitled "IS-ACTIVE Inertial Sensing Systems for Advanced Chronic Condition Monitoring and Risk Prevention"
- Innoversum 2011, 25 May 2011 presentation IS-ACTIVE
- AAL meeting in The Netherlands 16 February 2011 demonstration and presentation of IS-ACTIVE



	■ Meet the future, Science & Technology Summit, Den Haag, 18 November 2010 - demonstration of IS-ACTIVE
	■ World COPD day, 17th of November 2010 - news item about IS-ACTIVE
	 STW annual congress, Nieuwegein, 7 October 2010 - demonstration and presentation of IS-ACTIVE
	■ Domotica & E-Health Congress, 24 June 2010 - presentation of IS-ACTIVE
	 CTIT symposium 1 June 2010 - poster presentation "Dependable ICT - who cares?"
	 MIRA: Top technology for patients, 31 March 2010 -poster presentation
	■ ICTea ZonMw seminar 8 February 2010 - presentation IS- ACTIVE
	 Friends of Science event 2009, The Hague, 2 December 2009 exhibition booth of IS-ACTIVE project Symposium on Information Processing and Sensor Technologies in Healthcare, ISSNIP, Melbourne, 7-10 December 2009 - University of Twente organized a special session entitled "Commercial based sensing for healthcare application"
	■ STW annual congress, Nieuwegein, 8 October 2009 - demonstration and presentation of IS-ACTIVE
	■ The European Ambient Assisted Living Forum -Vienna 2009 - project presentation and exhibition booth
	■ ICTDelta 2009, Utrecht - IS-ACTIVE presentation
Type and size of audience reached by dissemination activities	End-users, IT-industry, academia, and the general public.

PROJECT: PAMAP						
	Unsupervised Segmentation:	Motion	Pattern	Learning	for	Motion
	21st Internation November 2012 Marcus Liwicki, G	, Tsukuba	Science (City, Japan.	_	



Physical Activity Monitoring for the Aging Population:

IADIS e-Health 2012 (EH 2012), July 2012, Lisbon, Portugal. Ilias Lamprinos, Daniel Steffen

Classification Of Physical Activity Based On A Biomechanical Approach:

10th International Symposium on Biomechanics and Biomedical Engineering (CMBBE), April 2012, Berlin, Germany. Laetitia Fradet, Frederic Marin

Publications (scientific or other), which are the direct result from the project work

An Integrated Mobile System for Long-term Aerobic Activity Monitoring and Support in Daily Life:

The 2012 International Symposium on Advances in Ubiquitous Computing and Networking (AUCN), June 25-27, 2012, Liverpool, UK. Attila Reiss, Ilias Lamprinos, Didier Stricker

Introducing a New Benchmarked Dataset for Activity Monitoring:

IEEE 16th International Symposium on Wearable Computers (ISWC), June 18-22, 2012, Newcastle, UK. Attila Reiss, Didier Stricker

Creating and Benchmarking a New Dataset for Physical Activity Monitoring:

The 5th Workshop on Affect and Behaviour Related Assistance (ABRA), June 6-8, 2012, Crete, Greece. Attila Reiss, Didier Stricker

Exploring and Extending the Boundaries of Physical Activity Recognition:

IEEE SMC Workshop on Robust Machine Learning Techniques for Human Activity Recognition, October 9-12, 2011, Anchorage, AK, USA. Attila Reiss, Markus Weber, Didier Stricker

Unsupervised Model Generation for Motion Monitoring:

IEEE SMC Workshop on Robust Machine Learning Techniques for Human Activity Recognition, October 9-12, 2011, Anchorage, AK,



USA. Markus Weber, Gabriele Bleser, Gustaf Hendeby, Attila Reiss, Didier Stricker

Recognition of physical activity adapted to rehabilitation:

The 20th Annual Meeting of ESMAC, September 2011, Vienna, Austria. Laetita Fradet, Frédérin Marin

Introducing a Modular Activity Monitoring System:

The 33rd Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC'11), August 30 - September 3, 2011, Boston, MA, USA. Attila Reiss, Didier Stricker

Strength exercise monitoring: what to evaluate and how?:

Computer Methods in Biomechanics and Biomedical Engineering, Vol.14, No S1, August 2011, pp. 35-36. Laetitia Fradet, Frédérin Marin

Recognition of Physical Activity by Biomechanical Movement Analysis:

The 2nd International Conference on Ambulatory Monitoring of Physical Activity and Movement, May 24-27, 2011, Glasgow, Scotland. Laetitia Fradet, Frédérin Marin

Towards Global Aerobic Activity Monitoring:

The 4th International Conference on Pervasive Technologies Related to Assistive Environments (PETRA'11), May 25-27, 2011, Crete, Greece. Attila Reiss, Didier Stricker

A Personalized Exercise Trainer for Elderly:

Pervasive Health Conference 2011, Dublin, Ireland. Daniel Steffen, Gabriele Bleser, Markus Weber, Didier Stricker, Laetitia Fradet, Frédéric Marin

Reconnaissance et quantification des activités physiques par l'analyse du mouvement :



dissemination activities

10èmes journées de la SOFAMEA, 19-21/01/2011, St Etienne, France. Laetitia Fradet, Frédérin Marin pamap - Digitaler Fitness-Coach für Senioren: 4. Deutscher AAL-Kongress 2011, Berlin, Germany. Daniel Steffen, Didier Stricker Activity Recognition Using Biomechanical Model Based Pose **Estimation:** The 5th European Conference on Smart Sensing and Context (EuroSSC 2010), November 14-16, 2010, Passau, Germany. Attila Reiss, Gustaf Hendeby, Gabriele Bleser, Didier Stricker **Healthy Aging using Physical Activity Monitoring:** AALIANCE conference - Malaga, Spain - 11 and 12 March 2010. Gustaf Hendeby¹, Gabriele Bleser¹, Ilias Lamprinos², Didier Stricker¹ ¹German Research Center for Artificial Intelligence (DFKI) / Trippstadter Str. 122, 67663 Kaiserslautern, Germany ²INTRACOM S.A. TELECOM SOLUTIONS / Markopoulo Avenue, 19002 Peania, Athens, Greece Other These are provided in a separate document: dissemination dissemination.pdf activities Type and size of audience reached by

PROJECT: REMOTE

Bekiaris, E., Mourouzis, A., Panou M., & Maglaveras, N. (2012) Extending the independence of geographically and socially isolated individuals with chronic conditions through technology-based solutions for remote integrated care: The REMOTE project Case Study. To appear in Proceeding of AAL Forum 2012, Eindhoven 24-27 September 2012.

Triantafyllidis, A.K., Koutkias, V.G., Moulos, I. & Maglaveras, N. (2011). On Location-based Services for Patient Empowerment, Guidance and Safety. Wireless Mobile Communication and Healthcare Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications EngineeringVolume 83, 2012, pp 416-422.

Mourouzis, A., Leonidis, A., Foukarakis, M., Antona, M., & Maglaveras, N. (2011) A Novel Design Approach for Multi-device Adaptable User Interfaces: Concepts, Methods and Examples. In C.



	Stephanidis (Ed.), Universal Access in Human-Computer Interaction. Design for All and elnclusion - Volume 5 of the combined Proceedings of the 14th International Conference on Human-Computer Interaction (HCI International 2011), Orlando, FL, USA, 9-14 July, pp. 400-409. Berlin Heidelberg: Lecture Notes in Computer Science Series of Springer (LNCS 6765, ISBN: 978-3-642-21671-8). Bekiaris, E., Mourouzis, A., & Maglaveras, N. (2011) The REMOTE AAL Project: Remote Health and Social Care for Independent Living	
Publications (scientific or other), which are the direct result from the project work	of Isolated Elderly with Chronic Conditions. In C. Stephanidis (Ed.), Universal Access in Human-Computer Interaction. Context Diversity -Volume 7 of the combined Proceedings of the 14th International Conference on Human-Computer Interaction (HCI International 2011), Orlando, FL, USA, 9-14 July, pp. 131-140. Berlin Heidelberg: Lecture Notes in Computer Science Series of Springer (LNCS 6767, ISBN 978-3-642-21665-7).	
	Poster presented at the AAL FORUM 2011, Lecce, Italy by Herbert Schuck. Title: DEHYDRATION SENSOR	
	Poster presented at the AAL FORUM 2011 Lecce, Italy by J. Artur Serrano. Title: Home telemonitoring for Chronic Heart Failure	
	Bekiaris E., Gkaitatzi, O. (2010) Use Cases and Scenarios for Remote Support of the Elderly to Live Autonomously Alone. In IST- Africa 2010 Conference Proceedings, Paul Cunningham and Miriam Cunningham (Eds), IIMC International Information Management Corporation, 2010, ISBN: 978-1-90582415-1.	
	Project website: http://www.remote-project.eu	
	Project poster (several versions) Project leaflet (several versions) Project Newsletter (3 issues per year)	
	Oral presentation at the AAL Forum 2009 (Vienna, Austria) by Dr. Dimitrios Tzovaras (29/09/2009)	
	1st Project Workshop (Florence, Italy) on 3/11/2009 see http://www.remote-project.eu/news-and- events/workshop.html	
Other dissemination activities	2nd Project Workshop (Nuremeberg, Germany) on 20/10/2010, see http://www.remote-project.eu/news-and- events/workshop.html	
	Special workshop organized by UPM at the 33RD ANNUAL	
	INTERNATIONAL CONFERENCE OF THE IEEE EMBS 2011, Boston (EEUU in SEP 2011, Title: Disruptive innovation in patient self management and empowerment.	
	REMOTE participated as Exhibitor at AAL FORUM 2011, Lecce, Italy REMOTE participated as Exhibitor at AAL FORUM 2012, Eindhoven, The Netherlands	



Type and size of audience reached by dissemination activities

AAL Community, Local Authorities and Industry, ICT and HCI R&D community, Reps of different initiatives at a European level, and the Wide public

PROJECT: RGS

Journal articles

- Prochnow, D., Bermudez I Badia, S., Schmidt, J., Duff, A., Brunheim, S., Kleiser, R., Seitz, R., et al. (2013). A functional magnetic resonance imaging study of visuomotor processing in a virtual reality-based paradigm: Rehabilitation Gaming System. The European journal of neuroscience, (January), 1-7. doi:10.1111/ejn.12157
- Rubio Ballester, B., Bermudez i Badia, S., & Verschure, P. F. M. J. (2012). Including Social Interaction in Stroke VR-Based Motor Rehabilitation Enhances Performance: A Pilot Study. PRESENCE: Teleoperators and Virtual Environments, 21(4), 490-501.
- Cameirao, M. S., Bermudez i Badia, S., Duarte, E., Frisoli, A., & Verschure, P. F. M. J. (2012). The Combined Impact of Virtual Reality Neurorehabilitation and Its Interfaces on Upper Extremity Functional Recovery in Patients With Chronic Stroke. Stroke (a journal of cerebral circulation), 43, 2720-2728. doi:10.1161/STROKEAHA.112.653196
- Cameirao, M. S., Bermudez i Badia, S., Duarte, E., & Verschure, P. F. M. J. (2011). Virtual reality based rehabilitation speeds up functional recovery of the upper extremities after stroke: a randomized controlled pilot study in the acute phase of stroke using the Rehabilitation Gaming System. Restorative Neurology and Neuroscience, 29 (Number 5), 287-298. doi:10.3233/RNN-2011-0599
- Cameirao, M. S., Bermudez i Badia, S., Duarte, E., & Verschure, P. F. M. J. (2010). Neurorehabilitation using the virtual reality based Rehabilitation Gaming System: methodology, design, psychometrics, usability and validation. Journal of neuroengineering and rehabilitation, 7(48), 1-14. doi:10.1186/1743-0003-7-48
- 6. Cameirao, M. S., Bermudez i Badia, S., Duarte, E., & Verschure, P. F. M. J. (2009). The rehabilitation gaming system: a review. Studies in health technology and informatics, 145, 65-83. Retrieved from http://www.ncbi.nlm.nih.gov/pubmed/19592787
- Cameirao, M. S., Bermudez i Badia, S., Duarte, E., & Verschure, P. F. M. J. (2008a). Stroke rehabilitation using the Rehabilitation Gaming System (RGS): initial results of a clinical study. Annual Review of CyberTherapy and Telemedicine, 146.
- Cameirao, M. S., Bermudez i Badia, S., Duarte, E., & Verschure, P. F. M. J. (2008b). Using a Multi-Task Adaptive VR System for Upper Limb Rehabilitation in the Acute Phase of Stroke. Virtual Rehabilitation, 2-7. doi:10.1109/ICVR.2008.4625112
- 9. Cameirao, M. S., Bermudez i Badia, S., Zimmerli, L., Duarte, E., & Verschure, P. F. M. J. (2007a). The Rehabilitation Gaming System:
- a Virtual Reality Based System for the Evaluation and Rehabilitation of Motor Deficits. Virtual Rehabilitation, 29-33. doi:10.1109/ICVR.2007.4362125 10. Cameirao, M. S., Bermudez i Badia, S., Zimmerli, L., Duarte, E., & Verschure, P. F. M. J. (2007b). A Virtual Reality System for Motor and Cognitive Neurorehabilitation. In G.

Publications (scientific or other), which are the direct result from the project work



Eizmendi (Ed.), Challenges for Assistive Technology (pp. 393-397). IOS Press. Retrieved from http://tinyurl.com/yjdogdc.

apers in preparation

- "Using VR to measure post-stroke motor impairments" (Journal of Neuroengineenring and Rehabilitation)
- "Unlearning Learned Paralysis: using VR to induce changes in hand selection" - (Neurorehabilitation and Neural Repair 2013)
- "General Design Principles for VR based Rehabilitation Technologies" (Book chapter in Serious Games, Alternative Realities, and Play Therapy, 2013)
- "RGS at home: Social and practical acceptability" (Journal of Accessibility and Design for All, 2013)
- "Adaptive mapping of real to virtual arm movements to enhance visual feedback in a Virtual Reality system for stroke rehabilitation" (Journal of Neuroengineenring and Rehabilitation, 2013)
- "Online learning of a user model to control challenge in a VR system for stroke rehabilitation" (Neurorehabilitation and Neural Repair, 2013).

nternational Conferences Papers:

- Bermudez i Badia, S., Garcia Morgade, A., Samaha, H., & Verschure, P. F. M. J. (2012). Using a hybrid Brain Computer Interface and Virtual Reality system to monitor and promote cortical reorganization through motor activity and motor imagery training. IEEE Transactions on Neural Systems and Rehabilitation Engineering, (TNSRE-2012-00036.R2), 9 pages. Retrieved from http://goo.gl/9W3vM.
- 2. Nirme J, Rubio B. Duff A, Duarte E, Rodriguez S, Cuxart A and Verschure PFMJ. "The Rehabilitation Gaming System at Home"International Conference on NeuroRehabilitation (ICNR), Toledo, Spain, 2012. Abstract published in the Conference Proceedings.
- Duarte E, Virtual Reality In Neurorehabilitation. Rehabilitation Gaming System, Catalan Congress of Physical and Rehabilitation Medicine Society, 2012 BARCELONA ESPANYA
- Bermudez i Badia, S., Samaha, H., Garcia Morgade, A., & Verschure, P. F. M. J. (2011). Exploring the Synergies of a Hybrid BCI - VR Neurorehabilitation System. Monitoring and Promoting Cortical Reorganization Through Mental and Motor Training. International Conference on Virtual Rehabilitation 2011 (pp. 1-8).
 - ETH Zurich Science. Retrieved from http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5971813
- Nirme, J., Duff, A., & Verschure, P. F. M. J. (2011). Adaptive rehabilitation gaming system: On-line individualization of stroke rehabilitation. Conference proceedings. Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Conference (Vol. 2011, p. 6749). doi:10.1109/IEMBS.2011.6091665



- 6. Duff, A., Cuxart Fina, A., Rodriguez, S., Cameirao, M. S., Bermudez i Badia, S., & Verschure, P. F. M. J. (2011). Early Versus Delayed Virtual Reality Based Training (Rehabilitation Gaming System) On Upper Limb Recovery after Stroke. Proceedings Of The 6th World Congress Of The International Society Of Physical And Rehabilitation Medicine - ISPRM. Puerto Rico.
- Rodriguez, S., Bermudez i Badia, S., Cameirao, M. S., Fina, A. C., Duarte, E., Duff, A., Verschure, P. F. M. J., et al. (2011). Effects of Virtual Reality Upper Limb Based Training (Rehabilitation Gaming System) on Spasticity, Shoulder Pain, and Depression After Stroke. 2011 AAPM&R annual assembly (Vol. 3, p. S160). Elsevier Inc. doi:10.1016/j.pmrj.2011.08.013.
- Duarte E, Early Versus Delayed Virtual Reality Based Training (Rehabilitation Gaming System) On Upper Limb Recovery After Stroke, 49 th Spanish Congress of Physical and Rehabilitation Medicine Spanish Society, 2011, TOLEDO, Spain
- Rubio Ballester, B., Bermudez i Badia, S., & Verschure, P. F. M. J. (2011). The effect of social gaming in virtual reality based rehabilitation of stroke patients. International Conference on Virtual Rehabilitation (ICVR), 2011 (pp. 1-2). Zurich, Switzerland: IEEE.
- Verschure, P. F. M. J. (2011). Neuroscience, virtual reality and neurorehabilitation: brain repair as a validation of brain theory. Conference proceedings for the Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. (Vol. 2011, pp. 2254-7). IEEE. doi:10.1109/IEMBS.2011.6090428
- Nirme, Jens, Armin Duff, and Paul FMJ Verschure. "Adaptive rehabilitation gaming system: On-line individualization of stroke rehabilitation." Engineering in Medicine and Biology Society, EMBC, 2011 Annual International Conference of the IEEE. IEEE, 2011
- 12. V Jornadas de Rehabilitacion del Ictus: Hemiplejia 2010, Hospital del Mar, Barcelona.
- Valjamae, A., Pozo-Rosich, P., & Verschure, P. F. M. J. (2009).
 Studying mixed feelings in migraineurs using affective picture pairs.
 International Society for Research on Emotion (ISRE). Leuven,
 Belgium.
- 14. Cameirao, M. S., Bermudez i Badia, S., Mayank, K., Guger, C., & Verschure, P. F. M. J. (2007). Physiological Responses during Performance within a Virtual Scenario for the Rehabilitation of Motor Deficits. PRESENCE 2007

Awards

RGS-UPF Team received the "Innovation and Cooperation" award, during the celebration of Campus Party 2011 Milenio in Granada, Spain (12-16 October) http://goo.gl/48cYx. Award from the Wayra platform http://wayra.org.

RGS was also selected as a finalist in the Pasion>ie contest 2012 edition, organized by Accenture and the IE Business School from Madrid, under category health of the Future. (http://pasionie.es/).



conference Poster Presentations:

- Nirme, J., Duff A., & Verschure P.F.M.J. (2012, July) Adaptive Enhanced Mapping Of Upper Limb Movement In A Virtual Reality System For Stroke Rehabilitation. Poster presented at 8th FENS Forum of Neuroscience, Barcelona, Spain.
- Rubio B. Duff A., & Verschure P.F.M.J. (2012, July) Use of virtual reality in combination with tDCS for treatment of chronic neuropathic pain in patients with medullary lesion. Poster presented at 8th FENS Forum of Neuroscience, Barcelona, Spain.
- Rubio B., Duff A., & Verschure P.F.M.J. (2012, November). Virtual reality based tool for motor function assessment in stroke survivors.
 Poster presentation at International Conference on NeuroRehabilitation (ICNR), Toledo, Spain. Abstract published in the Conference Proceedings.

Other dissemination activities

roject Presentations in different events:

- RGS presentation during the Seminars organized by i-deals (Everis Group) and IE Instituto de Empresa, entitled "Educacion Emprendedora y Transferencia Tecnologica"; 20th September 2011, Segovia-Spain.
- Rubio B. RGS: Using Virtual Reality for neurorehabilitation. Fira cientffica 'Cervell, musica i intelligencia artificial, 26th April 2012, Barcelona-Spain.
- Presentation (by Esther Duarte PsM), during the XXII Investigacio en Rehabilitacio. Jornades D'actualitzacio en Medicina Ffsica I Rehabilitacio (Rehabilitation Research. Workshops in Physical Medicine and Rehabilitation Update); 26th April 2012, Universitat Pompeu Fabra-Barcelona, Spain.
- Project presentation during the Presentation of the Strategic agenda for the Connect-EU medical technology Group (TIC Salut), 18th May, 2012, Barcelona-Spain.
 - Duff A. Rehabilitation Gaming System: Rewiring the recovering brain through optimized multi modal stimulation, COST Meeting, IEEE International Conference on Biomedical Robotics and Biomechatronics; June 24-27 2012, Rome-Italy.
- Presentation (by Esther Duarte PsM) during the "Brain Mapping and Functional Connectivity-focus group" meeting; July 3rd, 2012, Barcelona-Spain.
- Duff A. ^Cömo percibe nuestro cerebro el mundo y que hace con esta información? Café científico, Parc de Recerca Biomédica de Barcelona-PRBB; 6th October 2012, Barcelona-Spain.
- RGS presentation to more than 50 different European delegates from Health departments during the visit from European Interregional IVC project CASA (www.casa-europe.eu). CASA is about the development of regional policy and exchange of knowledge around the up scaling of innovative ICT and services for independent living; 14th Nov 2012, Barcelona-Spain.
- RGS presentation at the Second Kinect Inspiration and Networking Meeting organized by Microsoft. Link: http://goo.gl/8cQ23; 22nd Nov 2012, Madrid-Spain.



lews papers articles

 "Realidad virtual para una rehabilitación m\u00e4s f\u00e4cil" (Virtual reality for a healthier rehabilitation). Article published in national newspaper "El Mundo" on April 24th, 2012.

Veb Articles / Releases:

- Newsletter TicSalut: www.ticsalut.cat
- Reference at the article of "Telemedicine: actual situation in Catalonia and other regions" HealthITForum. Article N. 3 March 2011.
- Article in FlashTicSalut newsletter from TicSalut, with more than 3000 subscribers, Link: http://goo.gl/gzMJR

nternet Directories:

CloudinTicSalut. pen innovation marketplace. This is an exclusive technology transfer and innovation market for people, companies or institutions related or linked to the organization. Access to hundreds of technology offers and requests and collaboration opportunities in R&D, innovation and technology transfer. https://ticsalut.innogetcloud.com/

Participation in Events, Demonstrations, Exhibitions and TV appearances:

- FET Open, 21-23.4.2009, Prague
- AAL Forum, 29.9-1.10.2009, Vienna
- Neuroscience, 17-21.10.2009, Chicago
- Medica, 18-21.11.2009, Düsseldorf
- BJBCI, 5-6.12.2009, Beijing
- World Congress on NeuroRehabilitation, 21.-25.3.2010, Vienna 17th Annual Cognitive Neuroscience Meeting, 17-20April'10, Montreal.
- g.tec Distributor workshop, April 2010, Graz
- European Stroke Conference
- I, II, III and IV Jornades TIC SALUT, Girona, Spain.
- AAL Forum, 15.9.20010, Odense
- Avante, 2.6-4.6.2010, Barcelona
- DGGG-Congress, 15.9-17.9.2010, Berlin
- eHealth Week event 15.3-18.3.2010
- Exhibition of Personal Independence and Quality of Life, fare which took place June 2nd-4th (Co-Organizer).
- First Meeting R+D+i en TIC and Health Catalonian for Universities, technologies, clinical healthcare centers and enterprise about health sector. 13th May 2010.
- Neurorehabilitation with the RGS in the acute stage of stroke.
 Fernanda Rojas. Sociedad Catalana de Rehabilitation, Academia de Ciencias Medicas de Catalunya i Balears. June 2010
- CeBIT 2011, Hannover, Germany. March 1-5, 2010



- Distributor-Workshop 2011, Graz, Austria. March 9-13, 2011
- International Work Conference on Artificial Neural Networks (IWANN 2011). Malaga, Spain. June 8-10, 2011.
- Cybertherapy 2011. Gatineau, Canada. June 19-22, 2011
- Presented at Saber Vivir, on the National Spanish TV, TVE1, 24.02.2011.
- Prototype Demonstration during the ICT Industry Day organized by Universitat Pompeu Fabra; 15th June 2011, Barcelona-Spain.
- Demonstration to high school students during the celebration of the Escolab sessions (<a href="www.escolab.cat/index-e.php?opcio="www.escolab.cat/index-e.php.cat/i
- RGS demonstration for during the visit from European Interregional IVC project CASA (www.casa-europe.eu.
- eHealthWeek 2010 (HIMMS and ETHEL) 15/3/2010 a 18/3/2010.
 SpeakersCorner
 <u>Electronic</u>

Panel

(http://ticsalut.speakerscorner.pulso.com/modules.php?name=post ers). Flyers were distributed in the UE stand and in the SpeakersCorner's TicSalut Foundation space.

- First Meeting R+D+i en TIC and Health Catalonian for universities, technologies, clinical healthcare centers and enterprise about health sector. 13th May 2010
- RGS (UPF) made a project presentation and they had a stand.
 AVANTE 2010 Exhibition of Personal Independence and Quality of Life, 2nd - 4th June 2010
- First European Workshop on technologies for the elderly 3rd June 2010 "Ageing Well: How Technologies Can Help. Driving innovation towards the real needs of the AAL market".

RGS has a stand and have a project presentation, also UPF participate in the AAL workshop More information at :

http://www.salonavante.com/en/activitats_agora.html_Second Meeting R+D+i en TIC and Health Catalonian for universities, technologies, clinical healthcare centers and enterprise about health sector. 4th & 5th May 2011. RGS (UPF) made a project presentation and they had a stand. Also RGS flyers.

Third Meeting R+D+i en TIC and Health Catalonian for universities, technologies, clinical healthcare centers and enterprise about health sector. 5th & 6th June 2012 RGS (UPF) made a project presentation and they had a stand. Also RGS flyer. FENIM Telemedicine FG COCIR (Telemedecine in Catalonia) 26th January 2011

Regional Telemedicine Forum - RFT http://regional-telemedicine.eu.

Report on the project status at the Steering Committee of Telemedicine Plan at the Department of Health - Government of Catalonia 2010-2012



Delegation of the Government of Andorra November 2010 Delegation of the Government of Morroco 29th October 2010 II Nurse Update Sessions in Primary Care 25th November 2010 Telemedicine situation in Catalonia to the SITIC delegation of the Spanish Health Ministry January 2011

Project presentation in the European Stroke Conference to be celebrated in London (United Kingdom) in May 2013, within the Topic session: Rehabilitation and reorganization after stroke. Title:"The optimal dosage of the Rehabilitation Gaming System: The impact of a longer period of virtual reality based and standard occupational training on upper limb recovery in the acute phase of stroke".

Type and size of audience reached by dissemination activities

Secondary end users such as clinicians, doctors, medical researchers and therapists.

Primary End Users such as Patients and their relatives mainly through TV shows news papers and some workshops.

PROJECT: Rosetta

Publications (scientific or other), which are the direct result from the project work

The project resulted in a large number of scientific and popular publications about the project and the Rosetta system.

Rosetta publications and presentations 2010

Meiland, F.J.M., Savenstedt, S., Moelaert, F., Davies, R.J., Nugent, C.D., Craig, D., Bengtsson, J., Karkowski, I., Dröes, R.M. "Electronic guidance and awareness services for community-dwelling people with dementia and their carers". Abstract book 25th International Conference of Alzheimer's Disease International, Thessaloniki. March 2010.

Droes, R.M. "New approaches to home care". Abstract book 25th International Conference of Alzheimer's Disease International, Thessaloniki. March 2010.

Droes, R.M. "Omgaan met de gevolgen van dementie: het psychosociale perspectief". Rede uitgesproken bij de aanvaarding van het ambt van hoogleraar Psychosociale hulpverlening voor mensen met dementie aan de faculteit der Geneeskunde van de Vrije Universiteit Amsterdam/VU Medisch Centrum. May 2010.

Droes, R.M. "Omgaan met dementie het psychosociale perspectief. Samenvatting oratie". Tijdschrift voor Ouderengeneeskunde 2010, 35(5)197-199.

Droes, R.M. "Omgaan met dementie het psychosociale perspectief. Samenvatting oratie". CaRe-bulletin CaRré. August 2010.

Meiland, F. J. M., Leeuw, J. van der, Karkowski, I., Dröes, R.M. "Deciding on electronic guidance and awareness services for community-dwelling people with dementia and their carers". International Psychogeriatric Association. Santiago de Compostela, Spain. September 2010.



Dröes, R.M. "Dementia and Technology". Think Tank Panel Congres Medicine 2.0, Maastricht. November 2010.

Meiland, F.J.M. & Dröes, R.M. "Development and evaluation of electronic guidance and awareness services for community-dwelling people with dementia". Think Tank Panel Congres Medicine 2.0, Maastricht. December 2010.

Rosetta publications and presentations 2011

"Ruimte voor arbeitsbesparende innovaties in de zorg Door slimmer werken meer kwaliteit met minder mensen", RVZ, Advies RVZ, The Netherlands. December 2011.

"Three short articles in 'Huis aan huis' newspapers in Soest en Baarn", Zorgpalet Baarn Soest, The Netherlds, April 2011.

"Langer veilig thuis-prettige steun met hulp van de computer", Mediator ZonMW, The Netherlands, June 2011.

"Waken en ondersteunen-Rosetta helpt dementerende oudere onopvallend", Mediator ZonMW, The Netherlands, June 2011.

"Lecture to Emergency: When and how to call the emergency doctor- today and in the future", WKK Schlaganfalltag, Kaiserslautern, Germany, March 2011.

"Presentation of AAL in general and Rosetta", WKK Nacht die Wissen schafft. Kaiserslautern. 2011.

Sandra A. Zwijsena; Alistair R. Niemeijera; Cees M. P. M. Hertogh, "Ethics of using assistive technology in the care for community-dwelling elderly people: An overview of the literature". Aging & Mental Health. April 2011.

Meiland, F. J. M., Marx, T., Boer, M.E. de, Hofsäss, T., Verhaeghe, S., Coster, C. de, Karkowski, I., Hertogh, C.M.P.M., Leeuw, J. van der, Dröes, R.M. "The ROSETTA system: Development and evaluation of assistive technology for community-dwelling people with dementia and their carers. International Psychogeriatric Association, The Hague, Netherlands. September 2011.

Press release about the installation of the first Rosetta systems. Vilans. May 2011.

"Webdossier zorg op afstand -> ROSETTA". Vilans, Website www.domoticawonenzorg.nl Presentation about the Rosetta project. Studiedag In-Ham in Gits. http://www.in-ham.be/media/Sofie%20Verhaeghe%20[Alleen-lezen].pdf. LCM (BE). September 2011.



Presentation in the IESE Lab environment. Presentation to a Japanese Scientific Delegation. FRAUNHOFER. January 2011.

Presentation in the IESE Lab environment. Presentation to Sozialwerk St. Georg (private social caregiver). FRAUNHOFER. April 2011.

Presentation in the IESE Lab environment. Presentation to Senioren Union (Senior organization of the German democratic party CDU. FRAUNHOFER (GER). May 2011.

Presentation in the IESE Lab environment. Presentation to the psycho-geriatric department of University Mannheim. FRAUNHOFER (GER). May 2011.

Presentation in the IESE Lab environment. Presentation to the Initiative Health Economics (Organisation of provite companies active in health industry). FRAUNHOFER (GER). May 2011.

Presentation in the IESE Lab environment. Presentation at "Science Night". FRAUNHOFER (GER). May 2011.

Presentation in the IESE Lab Environment. Presentation to a delegation of NIST (National Institute of Standards and Technology). FRAUNHOFER (GER). June 2011.

Presentation in the IESE Lab Environment. Presentation to a delegation of NICTA (National ICT Australia Ltd). FRAUNHOFER (GER). July 2011.

Presentation in the IESE Lab Environment. Presentation to the seniors of community of Ottersbach (small village near Kaiserslautern). FRAUNHOFER (GER). November 2011.

Giornate Mediche Fiorentine 2011. Presentation. I+ (ITA). December 2011.

Presentation/demonstration of EDN system for care organization. I+ (ITA). November 2011.

Meiland, F.J.M., J. van der Leeuw, I. Karkowski, A. Jedlitschka, M. Bader, N. Snoeck, P. Ebben, I. Stalpers-Croeze, R.M. Droes. "Assistive Technologies for community-dwelling people with dementia and their carers: the ROSETTA project". IAGG Congress, Bologna, April 2011.

Meiland, F. J. M., Marx, T., Boer, M.E. de, Hofsäss, T., Verhaeghe, S., Coster, C. de, Karkowski, I., Hertogh, C.M.P.M., Leeuw, J. van der, Dröes, R.M. "The ROSETTA system: Development and evaluation of assistive technology for community dwelling people with dementia and their carers". International Psychogeriatric Association, The Hague, Netherlands. 2011.

Abstract in IPA Congress proceedings. VUmc (NL). September 2011.



Meiland, F. J. M., Marx, T., Boer, M.E. de, Hofsass, T., Verhaeghe, S., Coster, C. de, Karkowski, I., Hertogh, C.M.P.M., Leeuw, J. van der, Droes, R.M. "Development and evaluation of assistive technology for community-dwelling people with dementia and their carers". Lecture 6-10-2011. VUmc (NL).

Article in Professional journal for installing organizations. VUmc (NL). December 2011.

Article in VU Magazine by Rianne Lindhout 'Geen geraniums, wel Windows'. VU Magazine, 2011,3, 15-17. Article in journal for personnel and alumni of VU. VUmc (NL). December 2011.

Presentation at the Provinciehouse of Utrecht. Presentation. Zorgpalet (NL). December 2011.

Presentation at the End congress of Zorg voor Morgen. Zorgpalet (NL). November 2011.

Rosetta publications and presentations 2012

Meiland, F.J.M., de Boer M.E., van Hoof. J., van der Leeuw, J., de Witte, L., Karkowski, I., Mulvenna, M.D., R.M. Dröes. (2012) Functional requirements for assistive Technologies for people with cognitive impairments. In: Wichert, Reiner (Ed.); Van Laerhoven, Kristof (Ed.); Gelissen, Jean (Ed.). Constructing Ambient Intelligence: Aml 2011 Workshops CCIS 277, Springer Verlag, Heidelberg, 146-151

Meiland, F.J.M.., de Boer, M.E, Overmars-Marx, T. Verhaeghe, S., Van Blanken, M., Stalpers-Croeze, I., Ebben, P.W.G., Snoeck, C.M., Van der Leeuw, J, Karkowski, I., Dröes, R.M. ROSETTA - ondersteunende technologie voor mensen met dementie en hun verzorgers. In Van Hoof, J. en Wouters E.J.M. (eds) Zorgdomotica, Houten: Bohn, Stafleu van Loghum, 2012, pp. 151-157.

Meiland F.J.M., Overmars-Marx, T., Van Blanken, M., Stalpers-Croeze, I.N.W., De Boer M.E., Ebben P.W.G., Hattink, B.J.J., Hertogh, C.M.P.M., Van der Leeuw, J., Karkowski, I.P., Dröes, R.M. Langer en prettiger thuis wonen met ROSETTA? Ondersteunende technologie voor mensen met dementie en hun verzorgers. TVVL Magazine 2012; 41(2): 10-13.

B.J.J. Hattink. Bruikbaarheid van ondersteunende technologie voor thuiswonende mensen met dementie. Amsterdam Center on Aging congres "Zin in ouder worden; innovatieve visies ACA 2012, 31 mei 2012 Amsterdam.

Meiland, F.J.M. Hattink, B., Overmars-Marx, T., Van der Leeuw, J., Karkowski, I., Dröes, R.M. User evaluation of the Rosetta assistive technology system for people with dementia. Alzheimer Europe conference October 2012 Vienna, Austria (accepted).



Meiland, F.J.M. B.J.J. Hattink, T. Overmars-Marx, M.E. de Boer, A. Jedlitschka, S. Verhaeghe, C. de Coster, M. van Blanken, P.W.G. Ebben, I.N.W. Stalpers-Croeze, Ch. Madler, C.M.P.M. Hertogh, J. van der Leeuw, I.P. Karkowski, R.M. Dröes. User evaluation of the Rosetta assistive technology system for people with dementia.AAL 2012 conference sept, Eindhoven, the Netherlands (submitted).

Several workshops for interested organisations in all four ROSETTA-countries were organized: in the Netherlands (in total four half-day

Other dissemination activities

Several workshops for interested organisations in all four ROSETTA-countries were organized: in the Netherlands (in total four half-day demonstration workshops in the Rosetta demo house in The Hague), in Belgium, Italy and Germany (one workshop per country). In addition shorter presentations at scientific meetings and meetings on the subject telecare in Germany, Belgium and the Netherlands, were given.

In April 2011 Euronews Television has made an 8 minutes long program about the ROSETTA project, which has been broadcasted one week long in most European countries.

Towards the end of the project, a ten minutes (YouTube style) movie presenting the whole ROSETTA system has been made. It is available to the public via various (project) web-sites and other channels. The movie is also currently being used during various demonstration / dissemination activities of the involved partners.

Type and size of audience reached by dissemination activities

The dedicated ROSETTA workshops, which included visits to the test & demonstration houses in the Netherlands and Germany, were attended by 20 - 50 people per meeting. The public of the scientific meetings and the meetings on the subject telecare was much larger (80-100). The visitors were mainly care organizations and Alzheimer organizations.

PROJECT: SOFTCARE

Publications (scientific or other), which are the direct result from the project work

CRT:

- "Anforderungen an ein tragbares Notrufsystem für Senioren zur Förderung eines sicheren Lebens zu Hause" at eHealth-Conference, Vienna, 2011
- "Extending Conventional Alarm Systems for Safe Mobility of Older Persons" at German AAL Congress, Berlin, 2012
- "Evaluation of an Emergency Call and Monitoring System together with Care Experts" at German AAL Congress, Berlin, 2013

FRK:

- "Monitoring Daily Activities at Home. User Needs in Mobile Care." at VII European International Congress Healthy and Active Ageing for All Europeans - II, Bologna, 2011
- "User-Needs in the Softcare Project" in Aging Clinical and Experimental Research 23(1): 252, 2011



Paper in national Expert Press: Behavior Pattern Recognition -
Daten für die Pflege. (Data for Careservices) Österreichische
Pflegezeitschrift, 64(11), 12-14, in 2011.

- SOFTCARE Ein Notrufsystem wird erweitert. Behavior Pattern Recognition zur sichereren Mobilität zuhause" at eHealth Conference, Wien, 2011
- AAL Technologien aus Sicht von EnduserInnen" at AAL Forum Styria, Graz, 2012

Enduser Perspective of the Red Cross in the Softcare project: Presentation and Panel Discussion" at AAL Forum, Eindhoven, 2012.

CRIC:

• "SOFTCARE: Wearable, Unobtrusive and Plug&Play Device for Automatic Fall Detection and Activity Assessment." at DRT4ALL, Madrid, Spain, 2013

Other

dissemination activities

2010:

Attendance to the National TeleHealth and Telecare conference in

London having short interviews with potential commercial partners. A

brochure was prepared for the event (CRIC, FRK & HEALTHSySTEMS).

2011:

- Presentation of SOFTCARE service at workshop on psychosocial care held by project Long Lasting Memories (CRT).
- Warum es nicht funktioniert, obwohl es funktioniert? AAL Technologien von der Forschung zum Produkt." at ExpertInnenforum Ambient Assisted Living (AAL) und e-Health Wien, 2011 (FRK).
- Stand in the IJCAI'11 conference (Barcelona) containing information (brochure and poster) on the project. (CRIC).
- Stand in the AAL-Forum 2011 (Lecce) containing information (brochure and poster) on the project. (CRIC).
- Presentation of a poster in the International Telecare and Telehealth Conference in London. (CRIC)

2012:

- "Technik als Heimhilfe?" Meeting of Rotary Club Schwechat-Simmering, Vienna, Austria
- Presentation at senior's meeting of Red Cross Schwechat (CRT).
- Presentation at info-day of Red Cross Schwechat (CRT).
- Exit strategy of a large scale AAL related project as a best practice example - AAL Forum Europe, Eindhoven, Netherlands (CRT).
- Real-Life Evaluation of AAL Home Monitoring Systems at the Living Lab Schwechat AAL-Forum Styria, Graz, Austria (CRT).



	 "Das Potenzial von AAL Lösungen aus Sicht von End-AnwenderInnen" at ehealth, Wien, 2012 (FRK). "AAL Technologien von der Forschung zum Produkt - SeniorInnen als Testpersonen" at a Meeting of the Center for Ethics and Medicine, St. Pölten, 2012 (FRK). "Soziale Isolation und Einsamkeit älterer Menschen. Ursachen, Auswirkungen und Lösungsansätze." in an Austrian Care Journal, 2012 (FRK). 2013: "Assistive Technologien für ältere Menschen -Nutzen für EndanwenderInnen und Herausforderungen im Einsatz." in an Austrian Journal for Sociology, 2013 (FRK).
Type and size of audience reached by dissemination activities	Care Service Providers, Physicians and Therapists, Formal and Informal Carers, Primary End-Users, Public Authorities, Research Institutions,