2. USE AND DISSEMINATION OF FOREGROUND

Section A (public)

This section includes two templates

- Template A1: List of all scientific (peer reviewed) publications relating to the foreground of the project.

- Template A2: List of all dissemination activities (publications. conferences, workshops, web sites/applications, press releases, flyers, articles published in the popular press, videos, media briefings, presentations, exhibitions, thesis, interviews, films, TV clips, posters).

These tables are cumulative, which means that they should always show all publications and activities from the beginning until after the end of the project. Updates are possible at any time.

TEMPLATE A1: LIST OF SCIENTIFIC (PEER REVIEWED) PUBLICATIONS, STARTING WITH THE MOST IMPORTANT ONES										
NO.	Title	Main author	Title of the periodical or the series	Number, date or frequency	Publisher	Place of publication	Year of publication	Relevant pages	Permanent identifiers[2] (if available)	Is open access[3] provided to this publication?
1	Whom to talk to? Estimating user interest from movement trajectories	Müller, St., Hellbach, S., Schaffernicht, E., Ober, A., Scheidig, A., Gross, H.-M.	Proceedings of of the 17th IEEE Int. Symposium on Robot and Human Interactive Communication			Munich	2008			No
2	Real-time Facial Expression Recognition System based on Active Appearance Models using	Martin, Ch., Gross, H.-M. A	Proceedings of of the 8th IEEE Int. Conf. on Face and Gesture Recognition		IEEE	Amsterdam	2008			no

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[2] A permanent identifier should be a persistent link to the published version full text if open access or abstract if article is pay per view) or to the final manuscript accepted for publication (link to article in repository).

[3] Open Access is defined as free of charge access for anyone via Internet. Please answer "yes" if the open access to the publication is already established and also if the embargo period for open access is not yet over but you intend to establish open access afterwards.

	Gray Images and Edge Images		(FG'08)							
3	Real Time Sound Analysis for Medical Remote Monitoring.	Istrate, D., Binet, M., and Cheng, S.	Proceedings of of the IEEE Engineering in Medicine and Biology Society, (EMBC 2008)	IEEE	Vancouver	2008				No
4	Telemedicine platform enhanced visiophony solution to operate a Robot-Companion.	Simonnet, Th., Couet, A., Ezvan, P., Givernaud, O., Hillereau, P.	Proceedings of of the International Joint Conferences on Computer, Information and Systems Sciences and Engineering (CISSE08),		Bridgeport, USA	2008				No
5	Mathematical Tools for Securing a Telemedicine Platform: Monitoring, Communication and Storage	Simonnet, Th,.	"Mathematics for everyday life", a special theme edited jointly by ERCIM and the European Mathematical Society			2008				No
6	Collaborative tools for a telemedicine PLATFORM: monitoring, communication and storage	Simonnet, Th,.	Proceedings of of the International Association for development of the information society (IADIS),		Amsterdam	2008				No
7	Estimation of Pointing Poses for Visual Instructing Mobile Robots under Real-World Conditions.	Martin, C., Steege, F-F., Groß, H-M.	Proceedings of of European Conference on Mobile Robots (ECMR)			2008				No
8	"Estimation of Pointing Poses for Visual Instructing Mobile Robots under RealWorld Conditions"	Martin, C., Steege, F-F, Gross, H.-M.	Robotics and Autonomous Systems,	Elsevier		2009				No
9	"A Fuzzy Logic System for Home Elderly People Monitoring (EMUTEM)",	Medjahed, H., Istrate, D., Boudy, J., Dorizzi, B.	Fuzzy Systems 2009		Prague	2009	69-75	ISBN 978-960-474-066-6	No
10	"CompanionAble- Mobile robot companion and smart home system for people with mild cognitive impairment".	Badii A., Etxeberria I., Huijnen C., Maseda M., Dittenberger S.,	Journal of Nutrition, Health and Aging, 13 (Suppl. 1), S113			2009				No

	Title	Authors	Publication	Publisher	Location	Year	Pages	DOI	
		Hochgatterer A., Thiemert D., Rigaud A-S.							
11	"CompanionAble- Graceful integration of mobile robot companion with a smart home environment"	Badii A., Etxeberria I., Huijnen C., Maseda M., Dittenberger S., Hochgatterer A., Thiemert D., Rigaud A-S.	Gerontechnology			2009		(doi: 10.4017/gt.2009.08.03.008.00), 8(3)	No
12	"Autonomous Robot Cameraman - Observation Pose Optimization for a Mobile Service Robot in Indoor Living Space".	Schröter, Ch., Höchemer, M., Müller, St., Gross, H.-M.	Proceedings of IEEE Int. Conf. on Robotics and Automation (ICRA 2009),	IEEE	Kobe, Japan	2009			No
13	"Audio based surveillance for cognitive assistance using a CMT microphone within socially assistive technology"	Rougui, J.E., Istrate, D., Souidene, W., Opitz, M., Riemann, M.	Engineering in Medicine and Biology Conference 2009		Minneapolis, USA	2009	2547-2550		No
14	"Audio Sound Event Identification for distress situations and context awareness"	Rougui, J.E., Istrate, D., Souidene, W.	Engineering in Medicine and Biology Conference 2009		Minneapolis, USA	2009	3501-3504		No
15	"Monocular Obstacle Detection for Real-world Environments."	Einhorn, E., Schroeter, Ch., Gross, H.-M.	Proceedings of Autonomous Mobile Systems (AMS 2009), Informatik Aktuell,		Karsruhe, Germany	2009	30-40		No
16	"An Improved Sensor Model on Appe18arance Based SLAM".	Kessler, J., Koenig, A., Gross, H.-M.	Proceedings of Autonomous Mobile Systems (AMS 2009), Karlsruhe, Germany, Informatik Aktuell		Karsruhe, Germany	2009	153-160		No
17	"increasing the Robustness of 2D Active Appearance Models for Real-World Applications".	Stricker, R., Martin, C., Gross, H.-M.	Proceedings of 7th Int. Conf. on Computer Vision Systems (ICVS 2009), LNCS	Springer	Liege	2009	364-373		No

			5815							
18	"Maximum a Posteriori Estimation of Dynamically Changing Distributions"	Volkhardt, M., Kalesse, S., Mueller, S., Gross, H.-M.	Proceedings of 32nd Annual Conference on Artificial Intelligence (KI 2009), LNCS 5803		Spring er	Paderbo rn	2009	484-491		No
19	"Affective robotics for assisting elderly people".	Pastor, C., Gaminde, G., Renteria, A., Cornet, G., Maseda, A., Etxeberria, I.	Proceedings of Conference of the Association for the Advancement of Assistive Technologies in Europe (AAATE 09),			Florence	2009			No
20	"A Concept for Detection and Tracking of People in Smart Home Environments with a Mobile Robot".	Volkhardt, M., Weinrich, C., Schroeter, C., Gross, H.-M.	2nd CompanionAble Workshop co-located with the 3rd European Conference on Ambient Intelligence,			Salzburg	2009			No
21	"The future of Human Machine Interaction – Integrated Robots and Smart Homes",	Badii, A, Thiemert, D.	International Conference ICT that makes the Difference,			Brussels	2009			No
22	"CompanionAble - integrated cognitive assistive & domotic companion robotic systems for ability & security"	Badii, A, Boudy, J.	1st Congres of the Société Française des Technologies pour l'Autonomie et de Gérontechnologie (SFTAG'09),			Troyes	2009			No
23	"CompanionAble - Integrated Cognitive Assistive & Domotic Companion Robotic Systems for Ability & Security"	Badii, A.	Workshop on Human-Machine-Interaction at KI 2009			Paderbo rn	2009			No
24	"The CompanionAble Project"	Badii, A	CIB W098 INTERNATIONAL WORKSHOP,			Brugge	2009			No
25	"Accompanying robots for home care of elderly people"	Pastor, C., Gaminde, G., Renteria, A.	International Congress on Digital Homes, Robotics and Telecare for All			Barcelon a	2009			No
26	"COMPANIONABLE: Integrated Cognitive Assistive & Domotic	Pastor, C., Gaminde, G.,	International Symposium on Robotics			Barcelon a	2009			No

	Companion Robotic Systems for Ability & Security"	Renteria, A.							
27	"Character user interface acceptance and pleasantness in persons with Mild Cognitive Impairment, informal and formal care-givers"	Galdona, N., Yanguas, J., Etxeberria, I., Millan-Calenti, JC., Huijnen, C., Dittenberger, S., Rigaud, AS. Hochgatterer, A.	Gerontological Society of America 61º Annual Scientific Meeting,			Atlanta	2009		No
28	"Medical Remote Monitoring using sound environment analysis and wearable sensors"	Istrate, D., Boudy, J., Medjahed, H., Baldinger, J.L.	book "Recent Advances in Biomedical Engineering"				2009	1-16	No
29	"Experiments on Acoustic Model supervised adaptation and evaluation by K-Fold Cross Validation technique"	Daniel Caon	Proceedings of 5th International Symposium on IV Communications and Mobile Networks (ISIVC 2010)			Rabat, Morocco	2010		No
30	"Pilot - Modular Robot Navigation for Real-World Applications".	Einhorn, Langner	Proceedings of Ilmenau International Scientific Colloquium			Ilmenau, Germany	2010		No
31	"Building 2D and 3D Adaptive-Resolution Occupancy Maps using Nd-Trees"	Einhorn, Schröter, Gross	Proceedings of Ilmenau International Scientific Colloquium			Ilmenau, Germany	2010		No
32	"Can't Take my Eye off You: Attention-Driven Monocular Obstacle Detection and 3D Mapping"	Einhorn, Schröter, Gross	In Proceedings of IEEE/RSJ International Conference on Intelligent Robots and Systems (iROS 2010),			Taipeh, Taiwan	2010		No
33	"Multimodal Localization in the Context of a Medical Tele-monitoring System"	Guettari, Aguilar, Boudy, Medjahed, Istrate, Baldinger, Belfeki, Opitz,	Proceedings of EMBC 2010 Conference		.	Buenos Aires, Argentina	2010		No

		Maly-Persy.								
34	"What is different? - Modeling the Changeability of the Environment"	Kessler, Gaudig, Gross	Proceedings of Ilmenau International Scientific Colloquium			Ilmenau, German y	2010			No
35	"Sound Event Detection in Remote Health Care - Small Learning Datasets and Over Constrained Gaussian Mixture Models"	Montalvao, Istrate, Boudy, Mouba	Proceedings of EMBC 2010 Conference			Buenos Aires, Argentin a	2010			No
36	"Aspects of user specific dialog adaptation for an autonomous service robot"	Müller, Schröter, Gross	Proceedings of Ilmenau International Scientific Colloquium			Ilmenau, German y	2010			No
37	"Remote control of a real robot taking into account transmission delays".	Nadrag, Maseda, Grosdemouge, Delarue, Villanueva, Millan, Hoppenot.	IFAC Workshop			Prague	2010			No
38	"Intelligent homes to assist elderly people"	Renteria, Pastor, Gaminde	Proceedings of International Workshop on Ambient Assisted Living			Valencia , Spain	2010			No
39	"Realtime User Attention and Emotion Estimation on a Mobile Robot"	Stricker, Martin, Gross	Proceedings of Ilmenau International Scientific Colloquium			Ilmenau, German y	2010			No
40	"Real-time Activity Recognition on a Mobile Companion "Robot"	Volkhardt, Müller, Schröter, Gross	Proceedings of Ilmenau International Scientific Colloquium			Ilmenau, German y	2010			No
41	"Appearance-based Person Tracking and 3D Pose Estimation of Upper-Body and Head"	Weinrich, Müller, Gross	Proceedings of Ilmenau International Scientific Colloquium			Ilmenau, German y	2010			No
42	Progress in Developing a Socially Assistive Mobile Home Robot Companion for the Elderly with Mild Cognitive Impairment.	Gross, H.-M., Schröter, Ch., Müller, S., Volkhardt, M., Einhorn, E.,	Proceedings of IEEE/RJS Int. Conf. on Intelligent Robots and Systems (IROS 2011),			San Francisc o	2011	2430-2437		No

		Bley, A., Martin, Ch., Langner, T., Merten, M.								
43	A mobile robot platform for socially assistive home-care applications.	Merten, M., Bley, A., Schröter, Ch., Gross, H.-M.	Proceedings of 7th German Conference on Robotics			Munich	2012	233-238		No
44	I'll keep an Eye on You: Home Robot Companion for Elderly People with Cognitive Impairment	Gross, H.-M., Schröter, Ch., Müller, S., Volkhardt, M., Einhorn, E., Bley, A., Martin, Ch., Langner, T., Merten, M.	IEEE Int. Conf. on Systems, Man, and Cybernetics (IEEE-SMC 2011)		IEEE	Anchorage, USA	2011	2481-2488		No
45	Finding the Adequate Resolution for Grid Mapping - Cell Sizes Locally Adapting On-the-Fly	Einhorn, E., Schröter, Ch. and Gross, H.-M.	Proceedings of IEEE Int. Conf. on Robotics and Automation (ICRA 2011),		IEEE	Shanghai	2011	1843-1848		No
46	Monocular Detection and Estimation of Moving Obstacles for Robot Navigation	Einhorn, E., Schröter, C., Gross, H.-M.	Proceedings of 5th European Conference on Mobile Robots (ECMR 2011)			Orebro, Sweden	2011	121-126		No
47	Playing Hide and Seek with a Mobile Companion Robot	Volkhardt, M., Müller, S., Schröter, Ch., Gross, H.-M.	Proceedings of 11th IEEE-RAS Int. Conf. on Humanoid Robots 2011 (Humanoids 2011)			Bled, Slovenia	2011	40-46		No
48	Detection of Lounging People with a Mobile Robot Companion.	Volkhardt, M., Müller, S., Schröter, Ch.,	Proceedings of 2011 International Conference on Intelligent Robotics and Applications (ICIRA 2011),			Aachen, Germany	2011			No

			Gross, H.-M.								
49	vAssist: Le Majordome des personnes dépendantes.	Chollet, Caon, Simonnet, Boudy.	2e Conférence Internationale Sur l'accessibilité et les systèmes de suppléance aux personnes en situations de handicap			Paris, France	2011				No
50	Force Feedback Stabilization for Remote Control of An Assistive Mobile Robot	Arioui, H., Temzi, L., Hoppenot, P	ACC 2011				2011				No
51	A Fuzzy Logic Approach for Remote Healthcare Monitoring by Learning and Recognizing Human Activities of Daily Living.	Medjahe, H., Istrate, D., Boudy, J., Baldinger, J.L., Bouguerou, L., Achraf Dhouib, M.	Book chapter in "Fuzzy Logic / Book 1"				2011		ISBN 979-953-307-578-4.		No
52	Companionable: el robot cuidador	Renteria, A. Pastor, C. Gaminde, G.	3rd International Conference on Dependence and Quality of Life.			Madrid	2011				No
53	Socially assistive robotics for welfare.	Renteria, A., Martinez, L., Remazeilles, A., Veneman, J	EU robotics Forum			Odense	2011				No
54	A mobile robot to offer cognitive intervention in elderly with memory problems	Maseda, A., Nadrag, P., Suárez, P., Delarue, S.,	7th IAGG Congress				2012				No

		Hoppenot, P., Millán-Calenti, J.C.								
55	Intelligente Steuerung eines Koinzidenzmikrofons in Mehrsprecheranwendungen	Opitz, M.	DAGA 2011			Dusseldorf	2011			No
56	Results of the joint study UDC-IBISC made in A Coruña testing cognitive stimulation using the robot	Maseda. A., Hoppenot, P.	VII European International Congress: Healthy and active ageing for all Europeans			Bologna	2011			No
57	Haptic feedback	Hoppenot, P.	HRI 2011			Lausanne	2011			No
58	Fast Recursive Ensemble Convolution of Haar-like Features,	Wesierski, D., Mkhinini, M., Horain, P., Jezierska, A	Computer Vision and Pattern Recognition (CVPR) Providence			Rhode Island	2012			No
59	EBE: Elastic Blob Ensemble for Coarse Human Tracking	Wesierski, D., Horain, P., Kowalczuk, Z.	International Conference on Image Processing (ICIP)			Orlando	2012			No
60	Heterogeneous multi-sensor fusion based on an Evidential Network for fall detection	Cavalcante, P.A., Boudy, J., Istrate, D., Medjahed, H., Dorizzi, B., Mota, J. C. M., Baldinger, J.L., Guettari, T.,	LNCS 6719 Toward Useful Services for Elderly and People with Disabilities				2012	281-285	DOI: 10.1007, ISBN 978-3-642-21535-3_42	No

		Belfeki, I.									
61	A pervasive Multi-sensor Data Fusion for Smart Home Healthcare Monitoring	Medjahed, H., Istrate, D., Boudy, J., Baldinger, J.L., Dorizzi, B.	IEEE Conference on Fuzzy Systems 2011			Taipei, Taiwan	2011	1466-1473		No
62	Heterogeneous multi-sensor fusion based on an Evidential Network for fall detection	Cavalcante, P.A. , Boudy, J., Istrate, D., Medjahed, H., Dorizzi, B., Mota, J. C. M., Baldinger, J.L., Guettari, T., Belfeki, I	International Conference on Wearable Micro and Nano technologies for personalised health			Lyon, France	2011			No
63	Attention-Driven Monocular Scene Reconstruction for Obstacle Detection, Robot Navigation and Map Building	Einhorn, E., Schroeter, Ch., Gross, H.-M.	Robotics and Autonomous Systems, 59	Elsevier			2011	296-309		No
64	Adaptive Input Interpretation for Dialogue Management of an Autonomous Robot	Müller, S., Schröter, Ch., Gross, H.-M.	5th CRI Workshop			Brussels	2011			No

TEMPLATE A2: LIST OF DISSEMINATION ACTIVITIES

NO.	Type of activities[4]	Main leader	Title	Date/Period	Place	Type of audience[5]	Size of audience	Countries addressed
1	Conference	MLAB	International Expert Days Service Robotics	Feb /2009	Hausen, Germany	Industrial, Scientific	>50	Germany
2	Exhibition/Conference	SmH	Zorg & ICT 2009	Mar 2009	Utrecht, NL	Industrial	_200	Netherlands
3	Exhibition/Conference	MLAB	Forum Mobile Roboter & Autonome Systeme HANNOVER MESSE 2009	2009	Hannover, Germany	Industrial	>200	Germany/International
4	Workshop	InHAM	CiB W098, International Workshop: Intelligence in assisted homes	Sep 2009	Brugge, Belgium	Industrial, End-users	>50	
5	Conference	CURE, AIT	AAL Forum	Sep 2009	Austria	Scientific, Industrial, End-users	>500	International
6	Workshop	ESIEE, GET	IE4IL Workshop - South Africa and Europe (jointly organised by ESIEE and GET)	Oct 2009	South Africa	Scientific	~15	International
7	Conference	SmH	Dutch national conference on robotics Twa Robotics	Nov 2009	Netherlands	Scientific, Industrial	>100	Netherlands

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[4] A drop down list allows choosing the dissemination activity: publications, conferences, workshops, web, press releases, flyers, articles published in the popular press, videos, media briefings, presentations, exhibitions, thesis, interviews, films, TV clips, posters, Other.

[5] A drop down list allows choosing the type of public: Scientific Community (higher education, Research), Industry, Civil Society, Policy makers, Medias, Other ('multiple choices' is possible).

8	Conference	GET	1er Congrès SFTAG'09 and 2nd Colloque PARAChute	Nov 2009	France	Scientific, End-user	>100	France
9	Conference	CURE	USAB- Usability & HCI Learning from the Extreme	Nov 209	Austria	Scientific	>100	International
10	Conference	TECNALIA	AMI-09, 3rd Conference on Ambient Intelligence	Nov 2009	Austria	Scientific	>200	International
11	Exhibition	SmH	Domotica en Slim Wonen 2009	Nov 2009	Netherlands	Scientific, Industrial, End-users	>200	Netherlands
12	Exhibition/ Conference	UoR, UIL, MLAB	Conference Marking the European Day of People with Disabilities	Dec 2009	Belgium	End-users, Industrial, Scientific	>200	International
13	Conference	UoR	Networking Session at ICT 2008	Nov 2008	France,	Scientific	>30	Internatioanl
14	Workshop	UoR	1st CompanionAble Workshop	Dec 2008	Spain	Scientific	>30	International
15	Workshop	UoR	2nd CompanionAble Workshop	Nov 2009	Austria	Scientific	>20	International
16	Workshop	UoR	3rd CompanionAble Project	Dec 2009	Belgium	Scientific	>20	International
17	Conference	UoR	Networking Session at ICT 2010	Sep 2010	Belgium	Scientific	>30	International
18	Exhibition	UoR, MLAB, UIL	ICT 2010	Sep 2010	Belgium	Scientific	>10000	International
19	Workshop	UoR	4th CRI Workshop	Sep 2010	Belgium	Scientific	>30	International
20	Workshop	UoR	5th CRI Workshop	Mar 2011	Belgium	Scientific	>20	International
21	Workshop	UoR	6th CRI Workshop	Sep 2011	Italy	Scientific	>30	International
22	Exhibition	MLAB, VER	Altenpflege 2012	March 2010	Germany	Industrial, End-user	>200	German Speaking
23	Exhibition	MLAB	Hanover Messe	Apr 2010	Germany	Industrial	>500	German-International
24	Fair	TECNALIA	AVANTE Fair	Jun 2010	Spain	Scientific	>100	International
25	Conference	TECNALIA	AAL Forum	Sep 2010	Denmark	Scientific	>100	International
26	Conference	MLAB, VER	National Telecare and Telehealth Conference	Nov 2010	UK	Industrial	>500	British-International
27	Exhibition	SmH, MLAB	Home Automation and Smart Living	Nov 2010	Netherlands	Industrial	>100	Netherlands-International
28	Exhibition	UoR, MLAB	European Innovation Convention	Dec 2011	Belgium	Scientific	>1000	International

29	Exhibition	UoR, MLAB	AAL Forum 2011	Sep 2011	Italy	Scientific	>300	International
30	Exhibition	MLAB	Hannover Messe 2011	Apr 2011	Germany	Industrial	>500	German-International
31	Workshop	UoR	Contributions to Gendered Innovation Workshop sponsored by the European Commission	Mar 2012	France	Academic	>30	International
32	Exhibition	UoR	Contributions to source material to support the Victoria and Albert Museum with dissemination collaterals (Power Points, text, videos) on the CompanionAble project to support their compilation of source material for their special exhibition on the themes of social perspectives on Ageing and Assistive Technologies	Mar-Apr 2011	UK	Various	n/a	International