



**I-SUPPORT**

**HORIZON 2020 PHC-19  
Research & Innovation Actions  
Grant agreement n°: 643666**

## **I-Support: ICT-Supported Bath Robots**

**Deliverable Title:**

**D7.4: Dissemination and Exploitation report (II)**

**Responsible Partner:**

**ROB**



**Research & Innovation Actions**



<b>RIA Project:</b>	I-SUPPORT
<b>Full title:</b>	ICT-Supported Bath Robots
<b>Project start date:</b>	2 <sup>nd</sup> March 2015
<b>Duration of the project:</b>	3 years
<b>Coordinator:</b>	ROBOTNIK
<b>Technical Coordinator:</b>	ICCS
<b>Project Partners:</b>	ICCS, INRIA, KIT, SSSA, OMEGA-TECHNOLOGY, FSL, FRA-UAS, BETHANIEN, ROBOTNIK
<b>Project URL :</b>	<a href="http://www.i-support-project.eu">http://www.i-support-project.eu</a>
<b>EU Project Officer:</b>	Jan KOMAREK

<b>Deliverable</b>	N°	D 7.4	Title	Dissemination and Exploitation report (II)
<b>Workpackage</b>	N°	WP 7	Title	Dissemination and Exploitation

<b>Responsible Partner</b>	ROB		
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<b>Abstract (for dissemination)</b>	The objective of this deliverable is to report on the dissemination and exploitation activities completed on the I-SUPPORT project. This report includes all dissemination activities completed up to month 23 of the project. These activities include: media and web-based dissemination; participation to conferences, workshops, scientific and technological events; publication of journal papers; participation to exhibitions, fairs, and international congresses (industrial, commercial and medical); as well as contact with primary and secondary users by means of focus groups and interviews. All these activities are in line with the overall dissemination plan of the project.
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### Revision procedure





Version #	Implemented by	Revision date	Changes
0.1	Rafael Lopez	13/02/2017	Draft version
0.2	Panagiotis Vartholomeos	13/02/2017	Review, corrections, comments
0.3	Barbara Klein / Holger Roßberg	14/03/2017	Review, corrections, comments

### Approval procedure

Partners involved: the consortium

Version #	Report/Deliverable	Approved by	Approval date
0.3		P. Vartholomeos	16/03/2017

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## 1 Introduction

This deliverable constitutes the second dissemination report of the I-SUPPORT Project. Its objective is to report on the dissemination activities completed during the first year and a half of the I-SUPPORT project. The objectives of the I-SUPPORT dissemination plan, the means that will be employed as well as the methodology and the approach have already been described in full detail in Deliverable D7.1 (Dissemination Plan and communication tools).

This report provides an update on all the dissemination and exploitation activities that were reported in D7.2 "Dissemination and Exploitation report (I)" including the ones that have been completed till month 23 of the project, in accordance to the overall dissemination plan of the project. These activities include: media and web-based dissemination; participation to conferences, workshops, scientific and technological events; publication of journal papers; participation to exhibitions, fairs, congresses (industrial, commercial and medical); contact with primary and secondary users by means of focus groups and interviews.

These dissemination and exploitation activities are listed in the following section 2.





## 2 Dissemination Activities

The Dissemination activities of each partner aim at ensuring the following actions:

- Demonstrate project results to the widest audience;
- Target specific audiences that benefit from the results;
- Employ a variety of techniques and media as appropriate for the content to be delivered to the target audience;
- Design the dissemination of I-SUPPORT initiatives in a fully interwoven way with pre-marketing and long-term exploitation and sustainability goals.

The list of all the dissemination activities, completed till month 23 of the project, for all the partners of the consortium is provided in the following Table 1.

Table 1. Consortium participation in dissemination activities.

No	Description of activity	Partners	Date	Reference (if it is available)	Coverage & target group
<b>Media and Web-based dissemination</b>					
1.	I-SUPPORT Website	ROB	May 1, 2015	<a href="http://www.i-support-project.eu/">http://www.i-support-project.eu/</a>	Public
2.	I-SUPPORT press release	OMEGA	June 1, 2015	<a href="http://ec.europa.eu/programmes/horizon2020/en/news/new-european-project-develop-robotic-shower-system-assist-frail-persons">http://ec.europa.eu/programmes/horizon2020/en/news/new-european-project-develop-robotic-shower-system-assist-frail-persons</a>	Public
3.	Inria News English	INRIA	February 11, 2016	<a href="http://www.inria.fr/en/centre/saclay/news/i-support-project">http://www.inria.fr/en/centre/saclay/news/i-support-project</a>	Public
4.	Inria News French	INRIA	February 11, 2016	<a href="http://www.inria.fr/centre/saclay/news/Project-i-media">http://www.inria.fr/centre/saclay/news/Project-i-media</a>	Public
5.	News	INRIA	February 15, 2016	<a href="http://www.newspress.fr/Communique_FR_294363_1015.aspx">http://www.newspress.fr/Communique_FR_294363_1015.aspx</a>	Public
6.	Agaplesion Management News Mail (MNM 02 / 2016)	Agaplesion		"Researcher in Heidelberg will test a high-tech shower system". Report in the Agaplesion Management News Mail (MNM 02 / 2016).	Health care services, commercial partner
7.	BBC World News – How the octopus inspires surgical tools	SSSA / Laschi	7 December 2016	<a href="http://www.bbc.co.uk/programmes/p04jbqvj">http://www.bbc.co.uk/programmes/p04jbqvj</a>	Public
8.	International Newsletter www.frankfurt-university.de Research and	FRA-UAS Klein, B.	October 2016 02/2016, Frankfurt	EU Research Project Enables Independent Living with the Support of a Robotic Shower System	Public



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	Innovation				
9.	Radio report in hr Info in the course of the ARD theme week: Future of work (Zukunft der Arbeit)	FRA-UAS Klein, B.	03.November 2016	<a href="http://www.hr-online.de/website/radio/hr-info/index.jsp?rubrik=54163&amp;key=standard_document_62469282&amp;xtmc=themenwoche&amp;xtcr=2">http://www.hr-online.de/website/radio/hr-info/index.jsp?rubrik=54163&amp;key=standard_document_62469282&amp;xtmc=themenwoche&amp;xtcr=2</a>	Public
10.					

No	Description of activity	Partners	Date	Reference (if it is available)	Coverage & target group
<b>Conferences/Workshops/Scientific and Technological events</b>					
11.	Deep Learning for Low- and High-Level Problems in Computer Vision, and Structure Prediction in deep networks	INRIA	Xerox Research Center Europe, France, March 22, 2015		Research people from the Industry.
12.	Int'l Conf. on Learning Representations	INRIA	San Diego, May 07, 2015	Semantic Image Segmentation with Deep Convolutional Nets and Fully Connected CRFs, L.-C. Chen, G. Papandreou, I. Kokkinos, K. Murphy and A. Yuille	ICLR Conference Participants
13.	Deep Learning for Low- and High-Level Problems in Computer Vision, and Structure Prediction in deep networks	INRIA	Imperial College, London, UK, May 23, 2015		Research Students, Professors.
14.	CVPR 2015 (IEEE Conf. on Computer Vision and Pattern Recognition, 2015)	INRIA	Boston, Massachusetts, June 08, 2015	Modeling Local and Global Deformations in Deep Learning: Epitomic Convolution, Multiple Instance Learning, and Sliding Window Detection - G. Papandreou, I. Kokkinos and P. A. Savalle	CVPR Conference Participants
15.	Oral presentation in British Machine Vision Conf.,	INRIA	Swansea, UK, September	Surface Based Object Detection in RGBD Images - S. Chandra, G. Chrysos and I. Kokkinos	BMVC Conference Participants





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	2015		07, 2015		
16.	ICCV 2015 (Int'l Conf. on Computer Vision, 2015)	INRIA	Santiago, Chile, December 13, 2015	Deep Convolutional Feature Point Descriptors - E. Simo-Serra, E. Trulls, L. Ferraz, I. Kokkinos, P. Fua, F. Moreno-Noguer	ICCV Conference Participants
17.	Workshop on Assistive Computer Vision and Robotics, ICCV 2015	INRIA	Santiago, Chile, December, 2015	Accurate Human-Limb Segmentation in RGB-D images for Intelligent Mobility Assistance Robots - S. Chandra, S. Tsogkas and I. Kokkinos <i>Presentation</i> of deep learning based dense human parts labelling approach in	ACVR Workshop Participants
18.	Deep Learning for Low- and High-Level Problems in Computer Vision, and Structure Prediction in deep networks.	INRIA	Oxford University, Oxford, UK, April 16, 2016		Research Students, Professors.
19.	Deep Learning for Low- and High-Level Problems in Computer Vision, and Structure Prediction in deep networks.	INRIA	Artificial Intelligence Research, France, May 9, 2016		Research Students, Professors.
20.	Deep Learning for Low- and High-Level Problems in Computer Vision, and Structure Prediction in deep networks.	INRIA	ETH Zurich, Switzerland, May 19, 2016		Research Students, Professors.
21.	Deep Learning for Low- and High-Level Problems in Computer Vision, and Structure Prediction in deep networks.	INRIA	Ecole Normale Supérieure, Paris, France, May 21, 2016,		Research Students, Professors.
22.	Deep Convolutional Neural Networks for Low- and High-	INRIA	Astronomical Data Analysis Summer School,		Research Students, Professors, and Research people from







	Level Problems in Computer Vision.		Greece, May 23, 2016,		the Industry.
<b>23.</b>	Workshop on Perceptual Organization in Computer Vision: The Role of Feedback in Recognition and Motion Perception, (IEEE Conf. on Computer Vision and Pattern Recognition, 2016)	INRIA	Las Vegas, USA, June 25, 2016	Ubernet: A 'Universal' CNN for the Joint Treatment of Low-, Mid-, and High-Level Vision Problems - I. Kokkinos	POCV16 Workshop Participants
<b>24.</b>	Soft Robotics Week	SSSA/ Laschi and Cianchetti	Livorno, April 13-17, 2015	<a href="http://www.robotsoftca.eu/information/events/soft-robotics-week">http://www.robotsoftca.eu/information/events/soft-robotics-week</a>	Soft Robotics community
<b>25.</b>	ICRA 2015 (IEEE Int'l Conf. on Robotics & Automation)	SSSA/ Laschi and Cianchetti	Seattle, May 30, 2015	<a href="http://icra2015.org/">http://icra2015.org/</a>	Robotics scientific community IEEE RAS members
<b>26.</b>	ICAR 2015 (Int'l Conf. on Advanced Robotics)	SSSA/ Laschi and Cianchetti	Istanbul, July 31, 2015	<a href="http://icar2015.org/">http://icar2015.org/</a>	Robotics scientific community
<b>27.</b>	EMBC 2015 (IEEE Int'l Conf. of the Engineering and Biology in Engineering Society)	SSSA/ Paolo Dario (Laschi and Cianchetti)	Milan, August 25-29, 2015.	<a href="http://embc.embs.org/2015/">http://embc.embs.org/2015/</a>	Biomedical Engineering scientific community
<b>28.</b>	euRathlon 2015 Grand Challenge	SSSA/ Manti, Pratesi	Piombino, September 17-25 2015	<a href="http://www.eurathlon.eu/">http://www.eurathlon.eu/</a>	Robotics competition
<b>29.</b>	IROS 2015 Workshop - From Plants and Animals to Robots: Movements,	SSSA/ Laschi	Hamburg, September 28, 2015	<a href="http://mbr.iit.it/about/workshops/ws-iros-2015.html">http://mbr.iit.it/about/workshops/ws-iros-2015.html</a>	Scientific community Academic speakers



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	Sensing, and Control				
30.	IROS 2015 Workshop - New Frontiers & Applications for Soft Robotics	SSSA/ Laschi, Cianchetti	Hamburg, October 2, 2015	<a href="http://www.robotsoftca.eu/events/iros-2015-workshop">http://www.robotsoftca.eu/events/iros-2015-workshop</a>	Scientific community Academic speakers Industrial speakers
31.	ICT Conference - Innovate, Connect, Transform	SSSA/ Laschi, Margheri	Lisbon, October 22, 2015	<a href="http://ec.europa.eu/digital-agenda/en/ict2015-innovate-connect-transform-lisbon-20-22-october-2015">http://ec.europa.eu/digital-agenda/en/ict2015-innovate-connect-transform-lisbon-20-22-october-2015</a>	Scientific community Industrial stakeholders EC officers
32.	IEEE Life Sciences Grand Challenges Conference	SSSA/ Laschi	Abu Dhabi, January 25-26, 2016	<a href="http://lsgcc.ieee.org/2016/">http://lsgcc.ieee.org/2016/</a>	Scientific community
33.	Soft Robotics Week	SSSA/ Laschi, Cianchetti, Manti, Pratesi,	Livorno, April 25-30, 2016	<a href="http://www.robotsoftca.eu/index.php?option=com_content&amp;view=article&amp;id=75&amp;Itemid=268">http://www.robotsoftca.eu/index.php?option=com_content&amp;view=article&amp;id=75&amp;Itemid=268</a>	Soft Robotics community
34.	ICRA 2016 (IEEE Int'l Conf. on Robotics and Automation) <i>participated actively</i>	SSSA/ Laschi	Stockholm, Sweden, May 16-21, 2016	<a href="http://www.icra2016.org/">http://www.icra2016.org/</a>	Scientific community
35.	Congresso del Gruppo Nazionale di Bioingegneria	SSSA/ Cianchetti	Napoli, June 20-22, 2016	<a href="http://www.gnb2016.org/">http://www.gnb2016.org/</a>	Scientific community
36.	ROMANSY 21- Robot Design, Dynamics and Control	SSSA/ Thuruthel, Falotico, Cianchetti, Laschi	Udine, June 20-23, 2016	<a href="http://www.romansy2016.org/">http://www.romansy2016.org/</a>	Scientific community
37.	ICINCO 2016 (13th Int'l Conf. on Informatics in Control, Automation and Robotics)	SSSA/ Thuruthel, Falotico, Cianchetti, Renda, Laschi	Lisbon, July 29-31, 2016	<a href="http://www.icinco.org/?y=2016">http://www.icinco.org/?y=2016</a>	Scientific community





38.	Iros 2016 IEEE/RSJ International Conference on Intelligent Robots and Systems	SSSA/ Laschi, Cianchetti	Korea, October 9-14, 2016.	<a href="http://iros2016.org/">http://iros2016.org/</a>	Scientific community
39.	The BioRobotics Institute open day	SSSA	October 13, 2016		Scientific community
40.	iSupport context awareness demo for lab visitors	SSSA Mannini Genova Sabatini	Around 20 events in 2016 and 4 events up to March 2017		Scientific community
41.	Presentation at the conference: BODYNETS 2016, 11th EAI International Conference on Body Area Networks	SSSA/ Genova Sabatini	Turin, Italy, 15-16 Dec 2016	<a href="http://bodynets.org/2016/show/home">http://bodynets.org/2016/show/home</a>	Scientific community
42.	SMART CAMP: urban park dedicated to technological and cultural innovation	FSL	July 4-5, 2015 July 18-19, 2015	<a href="http://www.smartcamp.it">www.smartcamp.it</a>	Stakeholders Users
43.	Master degree in "Alzheimer: strumenti e relazioni di cura"	FSL	October 2015-September 2016	<a href="http://www.lumsa.it/en/academics_graduate">www.lumsa.it/en/academics_graduate</a>	Health professionals
44.	Presentation in conference IEEE TEMU	OMEGA	Crete, July 25, 2016	<a href="http://www.temu.gr/">http://www.temu.gr/</a>	Scientific
45.	Oral Presentation in Workshop of IROS2015	OMEGA, Bethanien, FRA-UAS	Hamburg – September 28, 2015	<a href="http://www.iros2015.org/index.php/program/workshops-and-tutorials">http://www.iros2015.org/index.php/program/workshops-and-tutorials</a>	Scientific
46.	IROS '2015 Full Day Workshop on Cognitive Mobility Assistance	Bethanien /Klaus Hauer	Hamburg – September 28, 2015	Klaus Hauer, Christian Werner, Phoebe Ullrich, Milad Geravand, Angelika Peer (2015). Evaluation Studies of Robotic Rollators by the User Perspective: A Systematic Review.	Scientific





	Robots				
47.	IEEE-Roman 2016  (IEEE International Symposium on Robot and Human Interactive Communication)	Bethanien	New York, USA, August 26 - 31, 2016	Werle, J. & Hauer, K. (2016). Design of a Bath Robot System: User Requirements Based on the International Classification of Functioning, Disability, and Health (ICF), (Oral presentation).	Technicians, Scientific
48.	<i>Scientific meeting</i> of the German, Swiss, and Austrian Association of Gerontology and Geriatrics.	Bethanien	Stuttgart, Germany, September 7 -10, 2016	Werle, J. & Hauer, K. (2016). I-Support: ICT-Supported Bath Robot System – Modeling User Requirements from a Clinical Perspective. Poster presentation at the scientific meeting of the German, Swiss, and Austrian Association of Gerontology and Geriatrics	Technicians, Scientific
49.	Workshop Bathroom solutions – today and tomorrow	FRA-UAS	, September 30, 2015	Frankfurt, Smart Independent Living Center	Stakeholder, users
50.	I-SUPPORT Poster and poster presentation  ICT Supported Bath Robots, A Service Robotics for bathing Task	FRA-UAS	Frankfurt, September 30, 2015		Stakeholder, users, scientific community
51.	Presentation  Companion Robots in the Healthcare Sector.	FRA-UAS	Int'l Psychogeriatric Congress, Berlin, October 13-16, 2015.	<a href="http://www.ipa-online.org/wordpress/event/2015-international-congress-berlin/">http://www.ipa-online.org/wordpress/event/2015-international-congress-berlin/</a>	Research, healthcare professions
52.	SHK (Sanitation, Heating & Air conditioning association) meets the care sector	FRA-UAS	Berlin, November 3, 2015	<a href="https://www.zvshk.de/zvshk/veranstaltungen/berichte/details/artikel/6791-dialogforum-shk-handwerk-triff-pflegewirtschaft/">https://www.zvshk.de/zvshk/veranstaltungen/berichte/details/artikel/6791-dialogforum-shk-handwerk-triff-pflegewirtschaft/</a>	Stakeholder, secondary users, Scientific Community
53.	<i>Presentation</i> of the I-SUPPORT project in the	FRA-UAS	Berlin, Potsdam, November	<a href="http://www.aktion-barrierefreies-bad.de/verbesserte-kfw-foerderung/">http://www.aktion-barrierefreies-bad.de/verbesserte-kfw-foerderung/</a>	Stakeholder, secondary users,





	Working group of "Barrier free bath systems by the Sanitation, Heating and Air conditioning association, Germany		4, 2015		Scientific community, Researchers
54.	Scientific Conf. Roboterethik, public conf.	FRA-UAS	Berlin, November 24, 2015	<a href="https://www.daimler-benz-stiftung.de/cms/forschung/roboterethik.html">https://www.daimler-benz-stiftung.de/cms/forschung/roboterethik.html</a>	Scientific community
55.	euRobotics Week 2015	FRA-UAS	Frankfurt, November 25, 2015		Primary and secondary users, scientific community
56.	Robots in the Healthcare Sector (Roboter im Sozial- und Gesundheitswesen)	FRA-UAS	November 26, 2015	<a href="http://www.openpr.de/news/873666/Angebote-an-eine-wertvolle-Generation-Vortragsreihe-und-Vorlesungen-fuer-Senior-inn-en.html">http://www.openpr.de/news/873666/Angebote-an-eine-wertvolle-Generation-Vortragsreihe-und-Vorlesungen-fuer-Senior-inn-en.html</a> Event Series "Facts of Ageing"(Altersfacetten) of FRA-UAS,	Seniors, researchers, students
57.	Home modification from people suffering from denetic	FRA-UAS	Frankfurt am Main, November 26, 2015	Annual Meeting of the Hesse "Nursing Care Bases" and Symposium on Dementia, Titus-Forum	Health care professionals, social associations
58.	Survey of user requirements to robotic systems at the example of the I-SUPPORT	FRA-UAS	December 8, 2015		Students, Scientific community
59.	Implementing emotional robots.	FRA-UAS	December 9, 2015	<a href="https://www.frankfurt.de/sixcms/detail.php?id=2855&amp;ffmparf_id_inhalt]=30060598">https://www.frankfurt.de/sixcms/detail.php?id=2855&amp;ffmparf_id_inhalt]=30060598</a> Event Series "Health in Old Age" Health Authority Frankfurt am Main,	Seniors, healthcare professionals
60.	Robots in the Home. Support through Assistive Technologies and Robots.	FRA-UAS	December 15, 2015	<a href="http://www.diearchitekten.org/?uid=430d6e4c4ae6f675d0bbbdfda62505e&amp;id=termineseminare&amp;sid=6252">http://www.diearchitekten.org/?uid=430d6e4c4ae6f675d0bbbdfda62505e&amp;id=termineseminare&amp;sid=6252</a> Event Series "SophienHofAbende – Energieeffizienz – Wohnen – Mobilität.	Architects, craftsmen, researchers, associations
61.	Acceptance and Usability of Assistive	FRA-UAS	January 14, 2016	Seminar within the Master course Barrier free Design	Students of the Master course Barrier





	Technologies in the Social- and Healthcare Sector.				free Design
62.	Technische Universität München, Lehrstuhl für Industrial Design, Prof. Dipl. Des. F. Frenkler/ Dipl.-Ing. (Univ.) Architekt Moritz Segers	FRA-UAS	January 27, 2016	<a href="https://www.id.ar.tum.de/en/projekte/forschung/single-view-forschung/?tx_ttnews[tt_news]=62&amp;cHash=c4f7448bf3a03df75c162091d21b3b51">https://www.id.ar.tum.de/en/projekte/forschung/single-view-forschung/?tx_ttnews[tt_news]=62&amp;cHash=c4f7448bf3a03df75c162091d21b3b51</a>	Scientific, Knowhow transfer
63.	<i>Project work by students:</i> Shower Support System, automatic shower mechanism for physically impaired people	FRA-UAS	Sept'15 – Feb'16		Alternative Design of a shower support system
64.	Innovative technology – Future of Elder Care.	FRA UAS, Klein, B.	Winnipeg, Canada, March 07,2016	Distinguished Visitor. Deer Lodge centre. College of Nursing, Health Sciences Libraries and Dept. of Community Health Sciences. University of Manitoba,	Researchers, healthcare professionals,
65.	Increasing the Well-Being and Quality of Life of people with Dementia using New Technologies.	FRA-UAS, Klein,B.	Canada March 08,2016	<a href="http://www.alzheimer.mb.ca/dementiacare2016/">http://www.alzheimer.mb.ca/dementiacare2016/</a> Dementia Care 2016. Alzheimer Society, Manitoba, Canada Inns Polo Park,	Healthcare professionals, researchers
66.	Using new technologies to increase wellbeing and quality of life of older adults.	FRA-UAS, Klein, B.	March 09,2016	Seminar at the University of Manitoba	Students, Researchers
67.	<i>Panel Discussion</i> Futurale Film Festival – Work 4.0	FRA-UAS Klein, B.	Frankfurt, Germany, March 19,2016		Elderly
68.	Ageing and Technology from a social science perspective	FRA-UAS Klein, B.	, Mannheim, April 8,2016	Workshop of DGGG at the Hochschule Mannheim, University of Applied Sciences	Students, Researchers





69.	Quality of Life and technology in old Age	FRA-UAS/ Klein, B.	Town Hall, Wiesbaden, May 15, 2016	Conference -Tablet-Sensor-Assistance, Autonomy and assistive technologies for daily life	Stakeholders, Politicians, Scientific community,
70.	Conference of the German Society of Gerontology and Geriatrics e.V.  Living and ageing - Functionality and Quality Lectures	FRA-UAS Klein, B. Roßberg, H.	Stuttgart, Germany, September 7 -10, 2016 09.09.2016 07.09.2016	<a href="http://www.gerontologie-geriatrie-kongress.org/files/kongress2016/201609_Stuttgart_Hauptprogramm_v3.pdf">http://www.gerontologie-geriatrie-kongress.org/files/kongress2016/201609_Stuttgart_Hauptprogramm_v3.pdf</a> Ageing with robots a new Future?Duschroboter – Evaluation von Nutzeranforderngen älterer personenmit Funktionseinschränkungen an ein robotisches Duschsystem	Researchers, healthcare professionals, students
71.	Conference of the German Society of Gerontology and Geriatrics e.V. Living and ageing - Functionality and Quality	FRA-UAS Klein, B. Roßberg, H.	Stuttgart, 7.- 10.09.2016	<a href="http://www.gerontologie-geriatrie-kongress.org/files/kongress2016/201609_Stuttgart_Hauptprogramm_v3.pdf">http://www.gerontologie-geriatrie-kongress.org/files/kongress2016/201609_Stuttgart_Hauptprogramm_v3.pdf</a>	Researchers, healthcare professionals, students
72.	Poster presentation10 <sup>th</sup> World Conference of Gerontology Sustainable Humanity	FRA-UAS Klein, B.	Nice, France 28.- 30.09.2016	Poster - Independent Living, Autonomy and Dignity with an I-support Shower Robot; Klein, B., Roßberg, H., Hollmann, S.	Researchers, healthcare professionals, students
73.	ITAFORUM 2016 – Chances of digitalization (Die Chancen der Digitalisierung)	FRA-UAS Schlömer, I.	Berlin, 31.Oktober – 01. November 2016	<a href="https://www.bmbf.de/de/itaforum-2016-die-chancen-der-digitalisierung-3529.html">https://www.bmbf.de/de/itaforum-2016-die-chancen-der-digitalisierung-3529.html</a>	Researchers, politicians
74.	„How technology can support independent living?“	FRA-UAS Klein, B.	1st of November 2016	“Die älter werdende Gesellschaft. Wohnen und Leben heute und in Zukunft – Technik im Alltag älterer Menschen	Professionals and stakeholders in health care and social work, architects and craftsmen, seniors, and voluntary workers
75.	Presentation “Robotics – automatization in healthcare”	FRA-UAS Klein, B.	Mülheim, 3 <sup>rd</sup> of November, 2016	<b>Workshop</b> of the ethical and medical advisory board of the ATEGRIS GmbH	Medical and nursing care staff, board members





76.	Workshop participation Responsible Research & Innovation (RRI) Tools	FRA-UAS Schlömer, I.	Bonn, 10. November 2016	<a href="http://www.wilabonn.de/aktuelles/veranstaltungen/783-rri-training.html">http://www.wilabonn.de/aktuelles/veranstaltungen/783-rri-training.html</a>	Researchers, university representatives
77.	<b>Demonstration Day</b> at euRobotics Week 2016	FRA-UAS	Frankfurt, 30. November 2016	<a href="https://eu-robotics.net/robotics_week/events/roboter-in-der-sozialen-arbeit--robots-in-social-work.html">https://eu-robotics.net/robotics_week/events/roboter-in-der-sozialen-arbeit--robots-in-social-work.html</a>	Primary and secondary users, stakeholder, public
78.	Project Presentation European Summit on Digital Innovation for Active & Healthy Ageing	FRA-UAS Roßberg, H.	Brüssel, December 2016		Politics, Venture Capitalists, Academics, Health care sector
79.	Conference participation Transdisciplinary conference "Technische Unterstützungssysteme, die die Menschen wirklich wollen"	FRA-UAS Roßberg, H.	12./13. December 2016 Hamburg		Researchers
80.	"2014-2015 Researchers' Night: The Greek events"	ICCS	Athens, September 25, 2015	<a href="http://www.researchersnight.gr/82BB2581.el.aspx">http://www.researchersnight.gr/82BB2581.el.aspx</a>	Public
81.	ICSR 2015 (Int'l Conf. on Social Robotics)	ICCS	Paris, France, October 26-30, 2015,	<a href="http://www.icsoro.org/icsr2015/index.html">http://www.icsoro.org/icsr2015/index.html</a>	Scientific community
82.	ICSR 2015 Workshop on "Improving the quality of life in the elderly using robotic assistive technology: benefits, limitations, and challenges"	ICCS	Paris, France, October 20, 2015	<a href="https://elderlyicsr2015.wordpress.com/">https://elderlyicsr2015.wordpress.com/</a>	Scientific community
83.	ICASSP 2016 (IEEE Int'l Conf.	ICCS	Shanghai, March 20-	<a href="http://www.icassp2016.org/">http://www.icassp2016.org/</a>	Scientific community







	on Acoustics, Speech and Signal Processing)		25, 2016		
<b>84.</b>	ICIP 2016 IEEE International Conference on Image Processing	ICCS	Phoenix, Arizona, US 25-28 September 2016	<a href="http://2016.ieeeicip.org">http://2016.ieeeicip.org</a>	Scientific community
<b>85.</b>	Researchers' Night: The Greek events 2016	ICCS OMEGA	Athens, 30 September 2016	<a href="http://www.researchersnight.gr/">http://www.researchersnight.gr/</a>	Public
<b>86.</b>	ACM Multimedia 2016	ICCS	Amsterdam, The Netherland, 15 - 19 October 2016,	<a href="http://www.acmmm.org/2016/">http://www.acmmm.org/2016/</a>	Scientific community
<b>87.</b>	NTUA Lab Day	ICCS	Athens, 03 March 2017		Public
<b>88.</b>	ICASSP 2017 (Tutorial)	ICCS	New Orleans, 05 March 2017	<a href="http://www.ieee-icassp2017.org/">http://www.ieee-icassp2017.org/</a>	Scientific community
<b>89.</b>	HRI 2017 2017 Conference on Human-Robot Interaction	ICCS	Vienna, Austria, March 6-9, 2017	<a href="http://humanrobotinteraction.org/2017/">http://humanrobotinteraction.org/2017/</a>	Scientific community
<b>90.</b>	MED 2016 (Mediterranean Conf. on Control and Automation)	ICCS OMEGA	Athens, June 21-24, 2016	<a href="http://www.med2016.org/">http://www.med2016.org/</a>	Scientific community
<b>91.</b>	BioRob'2016 (IEEE RAS/EMBS Int'l Conf. Biomedical Robotics & Biomechanics)	ICCS, SSSA/ Manti	Singapore, June 26-29, 2016	<a href="http://www.sinapseinstitute.org/BioRob2016/index.php">http://www.sinapseinstitute.org/BioRob2016/index.php</a>	Scientific community





92.	FUSION (Int'l Conf. on Information Fusion)	KIT	Heidelberg, Germany, July 5-6, 2016	<p>"Dimensionality Reduction for Whole-Body Human Motion Recognition" (C. Mandery, M. Plappert, J. Borràs, T. Asfour)</p> <p><a href="http://www.fusion2016.org/">http://www.fusion2016.org/</a></p> <p>Paper available in IEEE Xplore: <a href="http://ieeexplore.ieee.org/document/7527910/">http://ieeexplore.ieee.org/document/7527910/</a></p>	Scientific  Impact: h5-index: 29 (according to Google Scholar Ranking)
93.	MFI 2016 (IEEE Int'l Conf on Multisensor Fusion and Integration for Intelligent Systems)	KIT	Germany, September 19 – 21, 2016	<p>"Real-Time Whole-Body Human Motion Tracking Based on Unlabeled Markers" (J. Steinbring, C. Mandery, F. Pfaff, F. Faion, T. Asfour and U. D. Hanebeck)</p> <p><a href="http://www.mfi2016.org/">http://www.mfi2016.org/</a></p>	Scientific
94.	I-Support: ICT-Supported Bath Robot System – Modeling User Requirements from a Clinical Perspective	Bethanien /Klaus Hauer	September 7 – 10, 2016 Stuttgart, Germany.	Scientific meeting of the German, Swiss, and Austrian Association of Gerontology and Geriatrics	Scientific community
95.	Researchers night	OMEGA (Dr. Panag. Varth.) and ICCS group	NTUA Athens 30/09/201	<a href="http://www.researchersnight.gr/">http://www.researchersnight.gr/</a>	Public
96.	Invited Talk at Schunk ExpertDays	KIT	February 25, 2016	<p>"Action, Vision and Haptics for Grasping and Balancing" (T. Asfour)</p> <p><a href="http://expertdays.schunk.com/de/inhalt/program/timetable.html">http://expertdays.schunk.com/de/inhalt/program/timetable.html</a></p>	Industrial/Scientific
97.	Invited Talk at VDW 125 Jubilee	KIT	June 16, 2016	<p>"Robotics and Artificial Intelligence" (T. Asfour)</p> <p><a href="http://125jahre-vdw.de/">http://125jahre-vdw.de/</a></p>	Industrial
98.	Invited Talk at Forum Zukunft Baden-Baden	KIT	July 22, 2016	<p>"Die digitale Revolution! - Von künstlicher Intelligenz und lernenden Maschinen" (T. Asfour)</p> <p><a href="http://www.forum-zukunft-baden-baden.de/">http://www.forum-zukunft-baden-baden.de/</a></p>	Public
99.	Iros 2016 IEEE/RSJ International Conference on Intelligent Robots and Systems	ROB	Korea, October 9 14, 2016.	<a href="http://iros2016.org/">http://iros2016.org/</a>	Scientific community





Journal Papers					
No	Description of activity	Partners	Date	Reference (if it is available)	Coverage & target group
100.	Solutions for the bathroom. Today and tomorrow	FRA-UAS Klein, B.	April 2015, Pro Vita, Interdisciplinary journal for healthcare		Care community
101.	Paper in IEEE Transactions on Robotics (Special Issue on Movement Science for Humans and Humanoids: Methods and Applications)	KIT	August 2016 (vol.32, no.4)	“Unifying Representations and Large-Scale Whole-Body Motion Databases for Studying Human Motion” (C. Mandery, Ö. Terlemez, M. Do, N. Vahrenkamp and T. Asfour)  Paper available in IEEE Xplore: <a href="http://ieeexplore.ieee.org/document/7506114/">http://ieeexplore.ieee.org/document/7506114/</a>	Scientific  <u>Impact Factor:</u> 2.03
102.	Paper in Big Data Journal (Special Issue on Big Data in Robotics)	KIT	2016 - 2017	Call for Papers: <a href="http://www.liebertpub.com/lpages/big-data-cfp-big-data-in-robotics/156/">http://www.liebertpub.com/lpages/big-data-cfp-big-data-in-robotics/156/</a>	Scientific  <u>Impact Factor:</u> 1.70
103.	Journal paper publication on Journal of Computer Vision	INRIA	January 2016 (online)	Deep filter banks for texture recognition, description, and segmentation, International (Journal of Computer Vision (IJCV), 2016) - M. Cimpoi, S. Maji, I. Kokkinos and A. Vedaldi	Scientific community
104.	International Journal of Advanced Robotic Systems -	SSSA/ Ansari, Manti, Falotico, Cianchetti, Laschi	May 2016	<i>Towards the development of a soft manipulator as an assistive robot for the personal care of elderly people</i>	Scientific community
105.	Soft Robotics (SoRo)- Learning Closed Loop Kinematic Controllers for Continuum Manipulators in Unstructured Environments	SSSA/ Thuruthel, Falotico, Manti, Pratesi, Cianchetti, Laschi	August 2016	n/a	Scientific community





106.	Soft Robotics (SoRo)	SSSA/ Thuruthel, Falotico, Manti, Pratesi, Cianchetti, Laschi	August 2016	<i>Learning Closed Loop Kinematic Controllers for Continuum Manipulators in Unstructured Environments</i>	Scientific Community
107.	Stiffening in Soft Robotics: a review	SSSA/ Manti, Cacucciolo, Cianchetti	September 2016	IEEE Robotics and Automation Magazine DOI: <a href="https://doi.org/10.1109/MRA.2016.2582718">10.1109/MRA.2016.2582718</a>	Scientific community
108.	Science robotics	SSSA/ Laschi, Cianchetti	December 06, 2016	Science Robotics 06 Dec 2016:Vol. 1, Issue 1, DOI: 10.1126/scirobotics.aah3690 <i>Soft robotics: Technologies and systems pushing the boundaries of robot abilities</i>	Scientific Community
109.	RA-L and IROS 2017 for the IEEE Robotics and Automation Letters (RA-L)	SSSA/ Manti, Ansari, Falotico E., Cianchetti, Laschi	September 24–28, 2017	<a href="http://www.iros2017.org/">http://www.iros2017.org/</a> <i>Multi-objective optimization for stiffness and position control in a soft robot arm module</i>	Scientific community
110.	<i>A smartwatch step counter for slow and intermittent ambulation</i>	SSSA/ Genovesi, Mannini, Sabatini	March 2017	IEEE Access	Scientific community
111.	Design of a Bath Robot System – User Definition and User Requirements Based on International Classification of Functioning, Disability and Health (ICF)*	Bethanien /Klaus Hauer	August 26-31, 2016	25th IEEE International Symposium on Robot and Human Interactive Communication (RO-MAN)	Scientific community





Focus groups and interviews					
No	Description of activity	Partners	Date	Reference (if it is available)	Coverage & target group
112.	Direct contact or contact via mail potential interview participants in (residential) care homes for the elderly and inform them on the goals of I-Support	FRA-UAS	July/August 2015		Users/Experts
113.	Contact via mail elderly students of the U3L (University of the 3rd age of life)	FRA-UAS	September 2015		Users
114.	<b>Interviews of experts<sup>1</sup>:</b> qualified nurses, geriatric nurse, gerontologists, palliative care, family doctor, internist, cardiologist, orthopaedist, sports medicine, occupational therapist, physiotherapist, care home management	FRA-UAS	July 19, 2015- September 15, 2015		Expert  <u>Impact:</u> D1.1 and D1.2
115.	<b>Interviews of User &amp; family<sup>1</sup>:</b> e.g. 100% degree of disability, knee-hip-surgery, 80-years-old first limitations of mobility vertically challenged person, artificial hip joint, 81-years old first limitations of mobility, etc.	FRA-UAS	August 03, 2015- September 06, 2015		User & family  <u>Impact:</u> D1.1 and D1.2
116.	<b>Focus groups<sup>2</sup>,</b> FRA-UAS and Johanna Kirchner Nursing Care Centre, Frankfurt am Main	FRA-UAS	April 05-07, 2016	<sup>2</sup> Details of the focus groups preparation, selection, implementation and evaluation are described in detail in the revised deliverable D1.2.	Secondary users, Primary users; primary and secondary users
117.	<b>Focus groups, Ethic Workshop<sup>2</sup></b> FRA-UAS and Johanna Kirchner Nursing Care Centre, Frankfurt am Main	FRA-UAS	July 12, 2016	<sup>2</sup> Details of the focus groups preparation, selection, implementation and evaluation are described in detail in the revised deliverable D1.2.	Primary users

1 Details of the interview preparation, selection and implementation process are described in detail in Deliverable D1.2.

2 Details of the focus groups preparation, implementation and evaluation are described in detail in deliverable D1.2.





### 3 Exploitation activities

Exhibitions/Fairs/Congresses (Industrial, Commercial and Medical)					
No	Description of activity	Partners	Date	Reference (if it is available)	Coverage & target group
118.	XXXVI Jornadas de Automática-2015	Robotnik	September 2-4, 2015	<a href="http://www.ehu.eus/es/web/ja2015/home">http://www.ehu.eus/es/web/ja2015/home</a>	Scientific community
119.	<b>Exhibition:</b> Visit, trendscouting and talks to bathroom producers and sales persons at the ISH Exhibition	FRA-UAS	March 11, 2015	The world's leading trade fair for sanitation and heating technology 2015, Frankfurt am Main with focus on Bathroom Experience, Building, Energy, Air-conditioning Technology, Renewable Energies	Establish contacts to producers, sales management and associations
120.	<b>Exhibition Workshop</b> with "Pressalit Care Mobil", a mobile exhibition on bathroom solutions in the Independent Living Centre of FRA-UAS	FRA-UAS together with Pressalit	March 30, 2015		elderly, frail and disabled persons, relatives, professionals in the healthcare sector
121.	<b>Congress:</b> Visit, trendscouting, technical screening, talks to sales management 8. AAL Congress with Exhibition on Future Living (Zukunft)	FRA-UAS	April 29-30, 2015		Establish contacts to sales management and associations





	Lebenräume) , Frankfurt am Main				
122.	<b>Repositioning Risk and Resilience.</b>	FRA-UAS	June 15.-16, 2015	Academic Colloquium. University of Edinburgh, School of Health in Social Science	Advancing risk & resilience concepts with respect to autonomy, agency and responsibility, human rights
123.	<b>Exhibition:</b> Visit and talks to associations and sales management	FRA-UAS	July 02-03, 2015	11. German Senior's Day (Deutscher Seniorentag) 2015 with Exhibition SenNova	Establish contacts to associations and sales management
124.	<b>EU Event: RRI-ICT 2015</b> event (Responsible Research and Innovation in ICT related Projects)	FRA-UAS	July 08-09, 2015		Information on the framework of the RRI-ICT Forum project
125.	MEDICA 2015, Medicine digital: IT & Communication of technical solutions, e.g. shower chairs	FRA-UAS	November 17, 2015	<a href="http://www.medica.de/">http://www.medica.de/</a>	Stakeholder, Scientific, trendscouting
126.	Light Building, + The world's leading trade fair for lighting and building services	FRA-UAS	March 13.-18, 2016	<a href="http://light-building.messefrankfurt.com/frankfurt/en/visitor/willkommen.html">http://light-building.messefrankfurt.com/frankfurt/en/visitor/willkommen.html</a>	Stakeholders, Scientific community, trendscouting





	technology, Frankfurt am Main				
127.	Ifh INTHERM, Sanitation, Heating, Air Conditioning, renewable Energies, Nürnberg	FRA- UAS	April 05.-08, 2016	<a href="http://www.ifh-intherm.de/en/home/">http://www.ifh-intherm.de/en/home/</a>	Stakeholders, Scientific community, trendscouting
128.	9 <sup>th</sup> AAL Congress with Exhibition on Future Living (Zukunft Lebenräume) , Frankfurt am Main,	FRA- UAS Klein, B. / Roß- berg, H.	April 20.-21, 2016	<a href="http://conference.vde.com/zl2016/Seiten/default.aspx">http://conference.vde.com/zl2016/Seiten/default.aspx</a>  Exhibition of I-Support Concept and mockup presentation	sales management and associations, Scientific community
129.	AUTOMATIC A, Trade Fair for Automation and Mechatronics	FRA- UAS	Münche n, June 21-24, 2016	<a href="http://automatica-munich.com/en/Home/cn/about_the_fair/umcn/focus-topics/robotics">http://automatica-munich.com/en/Home/cn/about the fair/umcn/focus-topics/robotics</a>	Stakeholders, Scientific community, trendscouting and networking
130.	eHealth- 2016,  IHK, Frankfurt am Main	FRA- UAS	Frankfur t  04.10.2 016	<a href="http://www.gesundheitswirtschaft-rhein-main.de/ehealth/ehealth-kongress-2016.html">http://www.gesundheitswirtschaft-rhein-main.de/ehealth/ehealth-kongress-2016.html</a>	Primary and secondary users, stakeholder, public
131.	RoboSoft stakeholder event	SSSA/ Manti, Margh eri	Bristol, October 8, 2015	<a href="http://www.robosoftca.eu/events/industry-event">http://www.robosoftca.eu/events/industry-event</a>	Industrial stakeholders
132.	ForitAAL 2016	SSSA/ Laschi, Cianch etti	Pisa, June 20-23, 2016	<a href="http://www.foritaal2016.it/">http://www.foritaal2016.it/</a>	7° Italian Forum on Ambient Assisted Living
133.	INTERNET FESTIVAL	SSSA/ Manti,	Pisa, October	<a href="http://www.internetfestival.it/">http://www.internetfestival.it/</a>	Public







	2016 - Forme di Futuro	Manna ri	06-09, 2016		
134.	FESTIVAL DELLA SALUTE 2016	SSSA/Manti	Montecatini Terme, October 06-09, 2016	<a href="http://www.montecatini-benessere.it/eventi/festival-della-salute-montecatini-terme">http://www.montecatini-benessere.it/eventi/festival-della-salute-montecatini-terme</a>	Public
135.	Exhibition stand, Event discussions	Robotnik	March 21-23, 2016	European Robotics Forum 2016 (Ljubljana, Slovenia)	Scientific community, Industry, Policy makers
136.	Exhibition stand, Event discussions	Robotnik	June 21-24, 2016	8th International Trade Fair for Automation and Mechatronics (Munich, Germany)	Scientific community, Industry, Civil society, Media
137.	Second European Summit on Digital Innovation for Active and Healthy Ageing	OMEGA (Dr. Panagiotou, Varth.) FRA-UAS (Mr. Holger Rossborg)	Brussels 5-7 Dec, 2016	<a href="http://ec.europa.eu/research/conferences/2016/aha-summit/index.cfm?pg=home">http://ec.europa.eu/research/conferences/2016/aha-summit/index.cfm?pg=home</a>	Public

During the presence at the aforementioned exhibitions, fairs and conferences (no. (no. 124, 126, 127, 18, 129, 130, 131, 132, 133, 134, 135, 136, 143) the FRA-UAS consistently presented the vision and scope of the I-SUPPORT project as well as the project partners involved. Content and complexity of the project was always received with great attention and interest by a high variety of stakeholders and end-users. Discussions often centered on the questions of the release date of the I-SUPPORT system, i.e., market entry, as well as its price, i.e., its financial feasibility. As a consequence of attending exhibitions, fairs and conferences an intense contact could be established to Prof. Frank Georg Zebner, who is appointed for technical products and product systems at the University of Design (Hochschule für Gestaltung) in Offenbach. His research focusses on future design for bath rooms (“Bad der Zukunft” – “future bath”<sup>3</sup>). A good collaboration was also established to the “Aktion Barrierefreies Bad” (“Campaign for Barrier-free Bath Rooms”) of the Vereinigung Deutsche Sanitärwirtschaft e.V. (VDS; Association of the German Sanitary Industry), the representatives of which monitored the progress of the I-SUPPORT project

<sup>3</sup> A Design Research Project of the Sanitation, Heating and Air conditioning Association and the Offenbach School of Design (Prof. Frank Georg Zebner).





continuously after the first presentation in Berlin (12/2015). FRA-UAS was also invited to present at the ISH 2017<sup>4</sup> in Frankfurt am Main (13<sup>th</sup> to 18<sup>th</sup> of March 2017) at the trend forum “Pop up my Bathroom”, in which the I-SUPPORT project will once more be presented to the public.

During the three-day exhibition at the Second European Summit on Digital Innovation for Active and Healthy Ageing, the OMEGA partners had more than 80 visitors. Many of them were involved in the exploitation and commercialization of R&D results in the healthcare sector, such as Angel Investors, assistive technology equipment suppliers and health care institutions representatives. The partners discussed with these visitors the potential for commercializing I-Support system after the completion of the project and kept contact details in order to update them on the progress and the exploitation expectations.

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<sup>4</sup> ISH is the world's leading trade affair and biggest showcase for innovative bathroom design, energy efficient heating and air-conditioning technology and renewable energies (<http://ish.messefrankfurt.com/frankfurt/en/besucher/willkommen.html>)





## 4 Conclusions

This deliverable provided an update on all the dissemination and exploitation activities that have already been completed by month 23 of the I-SUPPORT project. These activities include: media and web-based dissemination; participation to conferences, workshops, scientific and technological events; publication of journal papers; participation to exhibitions, fairs, congresses (industrial, commercial and medical); contact with primary and secondary users by means of focus groups and interviews. All these completed activities are in line with the overall dissemination plan of the project, which is described in detail in Deliverable D7.1 (Dissemination Plan and communication tools).

