Curriculum vitae J. Artur Serrano

PERSONAL INFORMATION

Date of birth: 29.01.1965

Sex: Male

Nationality: Portuguese

Researcher unique identifier: http://orcid.org/0000-0001-8409-9615

Education

1997	PhD: Software Engineering
	Computing Science Department, University of Glasgow, Scotland
1993	MSc: Information Systems
	IST, Lisbon Technical University, Portugal
1989	Post-graduation: Biomedical Engineering
	INESC, FUNDETEC, Portugal
1989	MSc: Electronics and Computers Engineering, specialization in Electronics Instrumentation
	Engineering, Porto University, Portugal

Work experience

2016-present	Professor in Care Technology and Well-being
	Faculty of Medicine, Norwegian University of Science and Technology, Norway
2016-2020	Adjunct Professor
	Norwegian Centre for eHealth Research, University Hospital of North Norway
2016-2016	Chief Researcher
	Norwegian Centre for eHealth Research, Norway
2012-2016	Associate Professor
	Faculty of Health Sciences, Department of Clinical Medicine, UiT The Arctic University of Norway
2014-2015	Chief Researcher
	Norwegian Centre for Integrated Care and Telemedicine (NST), Norway
2009-2013	Full-time Researcher
	Norwegian Centre for Integrated Care and Telemedicine (NST), Norway
2010-2013	Leader of Research Unit
	Home Care and Personalised Health (HOPE), Norwegian Centre for Integrated Care and Telemedicine (NST), Norway
2011-2011	Auxiliary Member of Staff
	Kroken Elderly Care Home, Norway
2000-2010	Auxiliary Professor
	Telecommunications and Informatics Department, Aveiro University, Portugal
2006-2009	Part Time Researcher
	Norwegian Centre for Telemedicine (NST), Norway
2007-2008	Lecturer
	Department of Computer Science, Faculty of Science, University of Tromsø, Norway
2006-2007	Associate Professor
	Faculty of Medicine, University of Tromsø, Norway

1997-2007	Researcher
	Institute of Electronics Engineering and Telematics of Aveiro (IEETA), Portugal
2006-2006	Guest Professor
	Department of Computer Science, University of Tromsø, Norway
2004-2006	Director of Professional Degrees
	Aveiro Norte School, Aveiro University, Portugal
2003-2004	Guest Professor
	Norwegian Centre for Telemedicine (NST), Norway
1998-2001	Lecturer
	Faculty of Engineering, Porto University, Portugal
1997-2000	Invited Auxiliary Professor
	Electronics and Telecommunications Department of the Aveiro University, Portugal
1994-1996	Lecturing Assistant in the Information Technology M.Sc.
	Computing Science Department, Glasgow University, Scotland

Other experience

Supervision
PhD
Department of Neuromedicine and Movement Science, Faculty of Medicine and Health Sciences,
    NTNU/Norwegian University of Science and Technology, Norway
PhD
Faculty of Health Sciences, UiT The Arctic University of Norway, Norway
PhD
Department of Electronics, Telecommunications and Computers, University of Aveiro, Portugal
4 x MSc
Department of Neuromedicine and Movement Science, Faculty of Medicine and Health Sciences,
    NTNU/Norwegian University of Science and Technology, Norway
2 x MSc
Department of Electronics, Telecommunications and Computers, University of Aveiro, Portugal
3 x MSc
Department of Computer Science, University of Glasgow, Scotland

MEMBERSHIPS OF SCIENTIFIC SOCIETIES AND RESPONSIBILITIES IN SCIENTIFIC BOARDS

2020-present	Member of the Norwegian Management Committee for the EU-funded COST Action CA19121 Network on Privacy-Aware Audio- and Video-Based Applications for Active and Assisted Living (GoodBrother)
2016-present	Member of the IEEE SSIT (Society on Social Implications of Technology).

PROJECTS

2020-2026	WP Leader in NTNU Social Research - Workers in transition through automation, digitalization and robotization of work (AUTOWORK) – NFR VAM
2019-2025	Principal Investigator and Project Coordinator H2020 MSCA-RISE "LIFEBOTS – Creating a new reality of care and welfare through the inclusion of social robots" (H2020-EU1.3.3. grant 842047).
2020-2022	Project Coordinator in "LEE - LIFEBOTS-Exchange Extended" – funded by the Norwegian Research Council (NFR).

2018-2019   Principal Investigator and Project Coordinator "My Robot Friend" (InnoMed Health) funded by Norwegian health authority (Helse Midt-Norge).

2017-2019   Principal Investigator and Project Coordinator of "SENSE-GARDEN - Virtual and memory adaptable spaces creating stimuli for the senses in ageing people with dementia", funded by the EU Active and Assisted Living (AAL) programme, Call 2016 – Living Well With Dementia.

2017-2019   Principal Investigator in Norway of "eWare – Early Warning Accompanies Robotics Excellence", PI in Norway, funded by the EU Active and Assisted Living (AAL) programme, Call 2016 – Living Well With Dementia.

2016-2019   Norwegian coordinator of EU funded project "BaltSe@nior - Innovative solutions to support BSR enterprises in product development aimed at raising comfort and safety of seniors home living", Interreg Baltic Sea Region Programme 2014-2020.

2013-2016   Principal Investigator in "VictoryaHome: Victorya – a robot for integrated care@home and peace of mind of carers", funded by Ambient Assisted Living Joint Programme (AAL JP) – ICT for ageing well, Call 5 (aal-europe.eu) [http://www.victoryahome.eu]

2011-2014   Norwegian Principal investigator in "SENSE-PARK Supporting and Empowering Parkinson patients in their home environment using a novel sensory information system that monitors daily-life-relevant parameters of Parkinson disease and their change ", funded by EU 7th Framework Programme under grant agreement No. INFSO-ICT-2011-288557.

2011-2013   Co-PI in USER FORUM 3.0 - Continuous feedback from users on the design and implementation of e-health services (*Brukerforum 3.0 - Kontinuerlig brukermedvirkning i design og implementeringsprosesser for nye e-helsetjenester*), funded by *Ekstrastiftelsen* (Stiftelsen Dam).

2011-2013   Principal investigator in "CHF Home Telemonitoring: A home telemonitoring service for chronic heart failure patients on trial", funded by Norwegian health authority (Helse Nord).

2011-2013   Principal investigator in "Virtual Clinic for Sexually Transmitted Diseases: Use of Avatars and Social Networks in Public Health Interventions", funded by the Norwegian Research Council (NFR).

2011-2013   Principal investigator in "Telecare CBT for Morbid Obesity: A clinical trial of a solution for telecare enhanced Cognitive Behavioural Therapy for the treatment of obesity", funded by Norwegian health authority (Helse Nord).

MAJOR COLLABORATIONS

2019-present   Leader and co-founder of the ImRo-Lab (Immersive Technology and Robotics laboratory), an interdisciplinary collaboration between the Department of Neuromedicine and Movement Science and the Department of Interdisciplinary Studies of Culture (KULT).

2019-2020   Coordinator of the collaboration between NTNU /Norwegian University of Science and Technology and the Norwegian Labour and Welfare Administration (NAV) in the focus area of care technology and well-being (*velferdsteknologi*).

2009-2017   Coordinator of collaboration program between NST - Norwegian Centre for Telemedicine, University Hospital of North Norway and APuHC - Asia-Pacific Ubiquitous Healthcare Research Centre, The University of New South Wales, Australia.

ADDITIONAL INFORMATION

ORGANISATION OF INTERNATIONAL CONFERENCES: Chair of the Scientific Committee of the Tromsø Telemedicine and eHealth Conference, TTeC'2008

PRIZES/AWARDS, INVENTIONS, BUSINESS INNOVATION AND APPLIED RESEARCH:

Main inventor in the Disclosure of Invention (DOFI) for NTNU /Norwegian University of Science and Technology, with the title "SenseReflection - knowledge through measuring emotion", in 07.02.2022

Main inventor in the Disclosure of Invention (DOFI) for UiT The Arctic University of Norway and UNN the University Hospital of North Norway, with the title "SerenityButton: a mobile app that gives peace of mind and connectedness to family, friends and professional caregivers of older adults, promoting their wellbeing, independence, health and safety", in 01.03.2016

Main inventor in the Disclosure of Invention (DOFI) for UiT The Arctic University of Norway and UNN the University Hospital of North Norway, with the title "Virtual Clinic for Sexually Transmitted Diseases: Use of Avatars and Social Networks in Public Health Interventions", in 06.06.2013

Winner of AAL Award 2015 (EU Hoirizon2020 Research Programme)

Four working clinical centres (Romania, Belgium, Portugal and Norway) for the immersive treatment of dementia.

Track record

Total number of research results
Source CRISTIN Current Research Information System in Norway, as of 24. June 2022: **138**

Last 5 years
2022

Trine A Magne and Artur Serrano. How are innovative solutions experienced by older adults? 18th WFOT International congress. Paris. August 2022

Roger Andre Søraa, Gunhild Tøndel, Mark William Kharas and Artur Serrano (2022). What do Older Adults Want from Social Robots? A Qualitative Research Approach to Human-Robot Interaction (HRI) Studies. International Journal of Social Robotics. ISSN 1875-4791. e-ISSN 1875-4805.
https://doi.org/10.1007/s12369-022-00914-w

Ciobanu I, Draghici R, Marin AG, Zamfir M-V, Iliescu A, Goodall G, Marius Nicolae Popescu MN, J Artur Serrano JA and Berteanu M (2022) Case Series of an ICT-Based Multimodal Intervention Program for People with Major Neurocognitive Disorders: The SENSE-GARDEN Project. J Gerontol Geriatr Med 8: 137.

Broekx, R., Serrano, J.A., Ciobanu, I., Iliescu, A., Marin, A., Berteanu, M. (2022). Using Technology to Create Personalised Environments for Dementia Care: Results of an Empathy Map Study. In: Arai, K. (eds) Intelligent Computing. SAI 2022. Lecture Notes in Networks and Systems, vol 508. Springer, Cham.
https://doi.org/10.1007/978-3-031-10467-1_14

2021

Søraa, Roger Andre; Nyvoll, Pernille; Tøndel, Gunhild; Fosch-Villaronga, Eduard; Serrano, Artur.
The social dimension of domesticating technology: Interactions between older adults, caregivers, and robots in the home. Technological Forecasting and Social Change; 2021; ISSN 0040-1625; e-ISSN 1873-5509

Goodall, Gemma; André, Lara; Taraldsen, Kristin; Serrano, Artur.
Supporting identity and relationships amongst people with dementia through the use of technology: a qualitative interview study. International Journal of Qualitative Studies on Health and Well-being; Dec. 2021; ISSN 1748-2623; e-ISSN 1748-2631

Goodall, Gemma; Taraldsen, Kristin; Granbo, Randi; Serrano, Artur.
Towards personalized dementia care through meaningful activities supported by technology: A multisite qualitative study with care professionals. BMC Geriatrics; Aug. 2021; ISSN 1471-2318; e-ISSN 1471-2318

Ray, Pradeep Kumar; Liaw, Siaw-Teng; Serrano, Artur (Ed.s)
Digital Methods and Tools to Support Healthy Ageing. Book. Institution of Engineering and Technology (IET); 2021; ISBN: 978-1-83953-462-1

Serrano, Artur.
SENSE-GARDEN – A concept and technology for care and well-being in dementia treatment. Book chapter. Digital Methods and Tools to Support Healthy Ageing. Book. Institution of Engineering and Technology (IET); 2021; ISBN: 978-1-83953-462-1

2020
Casaccia, Sara; Revel, Gian Marco; Scalise, Lorenzo; Bevilacqua, Roberta; Rossi, L; Serrano, Artur; Karkowski, I.; Marconi, F.; Suijkerbuijk, Sandra; Lukkien, Dirk; Nap, Henk Herman.
A context-aware social robot to improve the quality of life of people with dementia. Gerontechnology 2020; Volume 19.

Goodall, Gemma Carol Constance; Taraldsen, Kristin; Serrano, Artur.
The use of technology in creating individualized, meaningful activities for people living with dementia: A systematic review. Dementia 2020 s. -

Goodall, Gemma; Ciobanu, Ileana; Marin, Andreea Georgiana; Draghici, Rozeta; André, Lara; Berteanu, Mihai; Serrano, Artur.
SENSE-GARDEN: An innovative approach to delivering individualized reminiscence therapy in dementia care. British Society of Gerontology Annual Conference 2020; 2020-07-01 - 2020-07-03

Merilampi, Sari; Poberznik, Anja; Saari, Santeri; Serrano, Artur; Güttler, Jörg; Langosch, Katharina; Bock, Thomas; Zou, Ling; Magne, Trine A.
Modular smart furniture system for independent living of older adults- user experience study. Gerontechnology 2020; Volume 19.(4) s. 1-13

Nyvoll, Pernille; Søraa, Roger Andre; Sørgaard, Jon; Serrano, Artur.
Gerontechnologies of the home as socio-technical assemblages of trust. Gerontechnology 2020 ;Volume 19.

Nyvoll, Pernille; Søraa, Roger Andre; Sørgaard, Jon; Serrano, Artur.
Gerontechnologies of the home as socio-technical assemblages of trust. ISG 2020: 12th International Congress of Gerontechnology; 2020-10-06 - 2020-10-09

Serrano, Artur.
Proceedings Adaptive behavioral models of robotic systems based on braininspired AI cognitive architectures (APHRODITE)(Chair). IEEE International Conference on Robot & Human Interactive Communication (RO-MAN); 2020-08-31 - 2020-08-31

Serrano, Artur; Søraa, Roger Andre.
Presentation on contribution to the book "Mobile Technologies for Delivering Healthcare in Remote, Rural or Developing Regions". Entrepreneurship Week 2020: Recovery from Pandemic; 2020-10-23 - 2020-10-24

Serrano, Artur; Søraa, Roger Andre.
The Future of Robotic Platforms for Gait Rehabilitation. Adaptive behavioral models of robotic systems based on brain inspired AI cognitive architectures (APHRODITE); 2020-08-31 - 2020-08-31

Søraa, Roger Andre; Fosch-Villaronga, Eduard; Quintas, Joao; Dias, Jorge; Tøndel, Gunhild; Sørgaard, Jon; Nyvoll, Pernille; Nap, Henk Herman; Serrano, Artur.
Mitigating isolation and loneliness with technology through emotional care by social robots in remote. I: Mobile Technologies for Delivering Healthcare in Remote, Rural or Developing Regions. Institution of Engineering and Technology (IET) 2020 ISBN 9781839530470. s. 255-268

Søraa, Roger Andre; Fosch-Villaronga, Eduard; Quintas, Joao; Dias, Jorge; Tøndel, Gunhild; Sørgaard, Jon; Nyvoll, Pernille; Nap, Henk Herman; Serrano, Artur.
Mitigating Isolation and Loneliness with Technology through Emotional Care by Social Robots in Remote Areas. I: Mobile Technologies for Delivering Healthcare in Remote, Rural or Developing Regions. Institution of Engineering and Technology (IET) 2020 ISBN 9781839530470. s. 255-268

Søraa, Roger Andre; Fyhn, Håkon; Tøndel, Gunhild; Serrano, Artur.
Kick-off workshop for project "AUTOWORK" Technology and automation are transforming the future of work. Kick-off; 2020-06-04 - 2020-06-05

Søraa, Roger Andre; Manzi, Federico; Kharas, Mark William; Marchetti, Antonella; Massaro, Davide; Riva, Giuseppe; Serrano, Artur.
Othering and Deprioritizing Older Adults' Lives: Ageist Discourses During the COVID-19 Pandemic. Europe's Journal of Psychology 2020 ;Volume 16.(4) s. 532-541

Søraa, Roger Andre; Nyvoll, Pernille Søderholm; Bruijning, Nienke; Serrano, Artur.
Cyborg Cinema #1 robot forum film screening and discussion "Robot and Frank". [Kunstnerisk og museal presentasjon] Cyborg Cinema robot forum. ; . 2020-01-15 - 2020-01-15

Søraa, Roger Andre; Nyvoll, Pernille Søderholm; Grønvik, Karoline Blix; Serrano, Artur.
Children's perceptions of social robots: a study of the robots Pepper, AV1 and Tessa at Norwegian research fairs. AI & Society: The Journal of Human-Centred Systems and Machine Intelligence 2020

Søraa, Roger Andre; Serrano, Artur.
Engaging older adults' need, wishes and fears of social robotics through participatory design. Adaptive behavioral models of robotic systems based on brain inspired AI cognitive architectures (APHRODITE); 2020-08-31 - 2020-08-31

2019
Casaccia, Sara; Revel, Gian Marco; Scalise, Lorenzo; Bevilacqua, Roberta; Rossi, Lorena; Paauwe, Robert A; Karkowsky, Irek; Ercoli, Ilaria; Serrano, Artur; Suijkerbuijk, Sandra; Lukkien, Dirk; Nap, Henk Herman.
Social Robot and Sensor Network in Support of Activity of Daily Living for People with Dementia. Communications in Computer and Information Science 2019 ;Volume 1117. s. 128-135
NTNU

Ciobanu, Ileana; Marin, Andreea Georgiana; Diaconu, Mara Gabriela; Serrano, Artur; Iliescu, Alina; Berteanu, Mihai.
Developing a Protocol for Personalized Reminiscence Therapy – The SENSE-GARDEN Project. International Society of Physical and Rehabilitation Medicine World Congress (ISPRM 2019); 2019-06-09 - 2019-06-13
NTNU

Goodall, Gemma; Ciobanu, Ileana; Broekx, Ronny; Sørgaard, Jon; Anghelache, Iulian; Anghelache-Tutulan, Catalina; Diaconu, Mara Gabriela; Mæland, Sigrid; Borve, Therese; Dagestad, Audun Digranes; Bormans, Piet; Custers, Marleen; Losleben, Katrin; Valadas, Rita; Vaz de Almeida, Cristina; Matias, Alda; Marin, Andreea Georgiana; Taraldsen, Kristin; Maetzler, Walter; Berteanu, Mihai; Serrano, Artur.
The Role of Adaptive Immersive Technology in Creating Personalised Environments for Emotional Connection and Preservation of Identity in Dementia Care: Insights from User Perspectives towards SENSE-GARDEN. International Journal on Advances in Life Sciences 2019 ;Volume 11.(1&2) s. 13-22
NTNU UiT UNN

Goodall, Gemma; Ciobanu, Ileana; Taraldsen, Kristin; Sørgaard, Jon; Marin, Andreea Georgiana; Draghici, Rozeta; Zamfir, Mihai-Viorel; Berteanu, Mihai; Maetzler, Walter; Serrano, Artur.
The Use of Virtual and Immersive Technology in Creating Personalized Multisensory Spaces for People Living With Dementia (SENSE-GARDEN): Protocol for a Multisite Before-After Trial. JMIR Research Protocols 2019 ;Volume 8.(9)
NTNU UNN

Ileana, Ciobanu; Marin, Andreea Georgiana; Draghici, Rozeta; Goodall, Gemma; Anghelache, Iulian; Anghelache-Tutulan, Catalina; Valadas, Rita; Vaz de Almeida, Cristina; Broekx, Ronny; Sørgaard, Jon; Serrano, Artur; Berteanu, Mihai.
Safety Aspects in Developing New Technologies for Reminiscence Therapy: Insights from the SENSE-GARDEN Project. Romanian Journal of Gerontology and Geriatrics 2019 ;Volume 8.(1-2) s. 3-8
NTNU UNN

Langosch, Katharina; Güttler, Jörg; Bock, Thomas; Merilampi, Sari; Saari, Santeri; Ihanakangas, Venni; Poberznik, Anja; Magne, Trine A; Skille, Sigrid Bye; Wahl, Siri Munch; Serrano, Artur.
BaltSe@nioR system -addressing seniors' needs with Smart Furniture. I: BaltSe@nioR – Challenges and innovative solutions in product development for seniors' home living. BoD-Books on Demand, Norderstedt, Germany: Baltic Sea Academy e.V 2019 ISBN 9783749456093. s. 69-81
NTNU

Magne, Trine A; Serrano, Artur.
ReAbleChair. BaltSe@nioR project BaltSe@nioR Virtual Liberary 2019
NTNU

Magne, Trine A; Skille, Sigrid Bye; Wahl, Siri Munch; Serrano, Artur.
BaltSe@nioR ideas for smart furniture assisting seniors - ReAble chair. BaltSe@nioR project YouTube 2019
NTNU

Magne, Trine A; Skille, Sigrid Bye; Wahl, Siri Munch; Serrano, Artur.
Innovative solutions: ReAbleChair. Final event: BaltSe@nioR project; 2019-04-11 - 2019-04-12
NTNU

Nyvoll, Pernille; Kharas, Mark William; Søraa, Roger Andre; Serrano, Artur; Bruijning, Nienke.
www.imrolab.no (Immersive Robotics Lab website).
NTNU UiO

Nyvoll, Pernille Søderholm; Søraa, Roger Andre; Serrano, Artur; Sutcliffe, Thomas Edward; Bruijning, Nienke.
LIFEBOTS Exchange Seminar and Workshop on Care Practices and Welfare Technologies. LIFEBOTS Exchange; 2019-11-04 - 2019-11-05
NTNU

Nyvoll, Pernille; Søraa, Roger Andre; Kharas, Mark William; Serrano, Artur.
www.lifebots.eu (LIFEBOTS Exchange website).

NTNU UiO

Serrano, Artur; Søraa, Roger Andre; Nyvoll, Pernille Søderholm.
LIFEBOTS-Exchange web page.
NTNU

Søraa, Roger Andre; Serrano, Artur; Nyvoll, Pernille Søderholm.
IMRO-lab web page.
NTNU

Søraa, Roger Andre; Serrano, Artur; Nyvoll, Pernille Søderholm; Sutcliffe, Thomas Edward.
South Korean perspectives on STS. Korean partner pre-secondment LIFEBOTS; 2019-10-23 - 2019-10-25
NTNU

2018
Ciobanu, Ileana; Marin, Andreea Georgiana; Draghici, Rozeta; Zamfir, Mihai; Zamfir, Mihaela; Iliescu, Alina; Anghelache, Iulian; Serrano, Artur; Berteanu, Mihai.
TEHNOLOGIA MODERNA SITERAPIA PRIN REAMINTIRE PENTRU PERSOAIIELE CU DEMENTA. 41th National Congress of Medical Rehabilitation with International Participation; 2018-10-24 - 2018-10-27
NTNU UNN

Ciobanu, Ileana; Zamfir, Mihaela; Marin, Andreea Georgiana; Draghici, Rozeta; Zamfir, Mihai; Iliescu, Alina; Anghelache, Catalina; Anghelache, Iulian; Serrano, Artur; Berteanu, Mihai.
SPATIUL PENTRU TERAPIE PRIN REAMINTIRE SI STIMULARE MULTISENZORIALA IN SENSE-GARDEN. 41th National Congress of Medical Rehabilitation with International Participation; 2018-10-24 - 2018-10-27
NTNU UNN

Goodall, Gemma; Ciobanu, Ileana; Broekx, Ronny; Sørgaard, Jon; Anghelache, Iulian; Anghelache, Catalina; Diaconu, Mara; Mæland, Sigrid; Borve, Therese; Dagestad, Audun Digranes; Bormans, Piet; Custers, Marleen; Losleben, Katrin; Valadas, Rita; Matias, Alda; Marin, Andreea Georgiana; Taraldsen, Kristin; Maetzler, Walter; Berteanu, Mihai; Serrano, Artur.
Using Adaptive Immersive Environments to Stimulate Emotional Expression and Connection in Dementia Care - Insights from User Perspectives towards SENSE-GARDEN. I: HUSO 2018 The Fourth International Conference on Human and Social Analytics. International Academy, Research and Industry Association (IARIA) 2018 ISBN 978-1-61208-648-4. s. 37-42
NTNU UiT UNN

Ileana, Ciobanu; Serrano, Artur; Broekx, Ronny; Diaconu, Mara Gabriela; Berteanu, Mihai.
SENSE-GARDEN Project - a new Approach in Remimiscence therapy. The National Symposium of Gerontopsychology; 2018-10-19 - 2018-10-19
NTNU UNN

Kerr, Donald; Serrano, Artur; Ray, Pradeep.
The Role of a Disruptive Digital Technology for Home- based Healthcare of the Elderly: Telepresence Robot.
Digital Medicine 2018 ;Volume 4.(4) s. 173-179
NTNU UNN

Marin, Andreea Georgiana; Ciobanu, Ileana; Draghici, Rozeta; Zamfir, Mihai; Anghelache, Catalina; Anghelache, Iulian; Broekx, Ronny; Serrano, Artur; Berteanu, Mihai.
SOLUTII ICT PENTRU REABIIITAREA COGNITIVA A PERSOANETOR CU DEMENTA. 41th National Congress of Medical Rehabilitation with International Participation; 2018-10-24 - 2018-10-27
NTNU UNN

Serrano, Artur.

Future on Social Science and Social Networks. HUSO The Fourth International Conference on Human and Social Analytics; 2018-06-24 - 2018-06-28
NTNU UiT

Serrano, Artur.
Welfare technology - How far have we come? What opportunities do we see?. Hemit-konferansen 2018; 2018-03-08
NTNU UiT

Serrano, Artur; Hamzeh, Awad; Broekx, Ronny.
Nature-Inspired Radar Charts as an Innovative Big Data Analysis Tool. I: Applications of Big Data Analytics. Springer Nature 2018 ISBN 978-3-319-76471-9. s. 177-183
NTNU UNN

41.   Skille, Sigrid Bye.
Investigating the clinical value of measuring use of armrests in healthy older adults using a novel sensor-equipped armchair. : NTNU 2018 49 s.
NTNU

Søraa, Roger Andre; Serrano, Artur; Sørgaard, Jon.
Kick-off workshop My Robot Friend project. Workshop; 2018-09-09 - 2018-09-10
NTNU

Sørgaard, Jon; Berteanu, Mihai; Serrano, Artur.
Reconnecting with Past and Present: Personalizing Sensory Stimulated Reminiscence Through Immersive Technologies – Developing a Multidisciplinary Perspective on the SENSE-GARDEN Room. ICT4AWE 2018 - 4th International Conference on Information and Communication Technologies for Ageing Well and e-Health; 2018-03-22 - 2019-03-23
NTNU UiT

44.   Sørgaard, Jon; Berteanu, Mihai; Serrano, Artur.
Reconnecting with Past and Present: Personalizing Sensory Stimulated Reminiscence Through Immersive Technologies – Developing a Multidisciplinary Perspective on the SENSE-GARDEN Room. I: Proceedings of the 4th International Conference on Information and Communication Technologies for Ageing Well and e-Health. SciTePress 2018 ISBN 978-989-758-299-8.
NTNU UNN

Wahl, Siri Munch.
Test-Retest Reliability of Sit-to-Walk Parameters in Healthy Older Persons as Measured by a Custom-Made Armchair. : NTNU 2018 65 s.
NTNU

2017
Gabarron, Elia; Fernandez-Luque, Luis; Schopf, Thomas Roger Griesbeck; Lau, A. Y. S.; Armayones, Manuel; Wynn, Rolf; Serrano, Artur.
Impact of Facebook ads for sexual health promotion via an educational web app: A case study. International Journal of E-Health and Medical Communications (IJEHMC) 2017 ;Volume 8.(2) s. 18-33
NORCE NTNU UiT UNN

Gabarron, Elia.
Social media and sexual health – New arenas for information on sexually transmitted infections and promotion of healthy sexual behavior. : Universitetet i Tromsø 2017 (ISBN 978-82-7589-536-1) 63 s.
Universitetet i Tromsø(2017)
UiT UNN

Holthe, Halgeir; Pedersen, Rune; Serrano, Artur.
Prom and prem data in Norwegian primary care. Søkekonferanse Helseplattformen; 2017-05-11 - 2017-05-11
UNN

Marin, Andreea Georgiana; Ciobanu, Ileana; Serrano, Artur; Berteanu, Mihai.
THE EMOTIONAL RESPONSE AS OUTCOME IN REMINISCENCE THERAPY. ELAPSYT1 First International Conference on Emotions, Language Processing and Psycholinguistic Testing; 2017-10-12 - 2017-10-15
UiT

Serrano, Artur.
Innovasjon i forbindelse med velferdsteknologi. FSTLs Høstkonferanse 2017; 2017-10-23 - 2017-10-24
UiT

Serrano, Artur.
The future of welfare: how can technology help?. EHiN - E-Helse i Norge; 2017-10-31 - 2017-11-01
UiT

Serrano, Artur; Sørgaard, Jon; Diaconu, Mara Gabriela.
Work seminar in Welfare Technology. Arbeidsseminar for kunnskapsområdet velferdsteknologi i NTNU Helse; 2017-11-20 - 2017-11-21
NTNU UiT

Søraa, Roger Andre; Grønvik, Karoline; Serrano, Artur.
Forskningstorget stand Velferdsteknologi – sosiale roboter. Forskningstorget Trondheim 2017; 2017-09-22 - 2017-09-23
NTNU UiT

Zamfir-Grigorescu, Mihaela; Zamfir, Mihai; Marin, Andreea Georgiana; Ciobanu, Ileana; Serrano, Artur; Berteanu, Mihai.
UNIVERSAL DESIGN IN AN INTERDISCIPLINARY APPROACH - THE IMPORTANCE OF ACCESSIBILITY IN ELDERLY SETTINGS. 40th National Congress of Rehabilitation Medicine; 2017-09-27 - 2017-09-29
UiT

2016
Godinho, Catarina; Domingos, Josefa; Cunha, G; Santos, AT; Fernandes, RM; Abreu, D; Gonçalves, N; Matthews, Helen; Isaacs, Tom; Duffen, Joy; Al-Jawad, Ahmed; Larsen, Frank Atle; Serrano, Artur; Weber, P; Thoms, Andrea; Sollinger, Stefan; Graessner, Holm; Maetzler, Walter; Ferreira, Joaquim J.
A systematic review of the characteristics and validity of monitoring technologies to assess Parkinson's disease. Journal of NeuroEngineering and Rehabilitation 2016 ;Volume 13:24.(1) s. 1-10
UNN

Ramsperger, Robert; Meckler, Stefan; Heger, Tanja; van Uem, Janet; Hucker, Svenja; Braatz, Ulrike; Graessner, Holm; Berg, Daniela; Manoli, Yiannos; Serrano, Artur; Ferreira, Joaquim J.; Hobert, Markus A.; Maetzler, Walter.
Continuous leg dyskinesia assessment in Parkinson's disease -clinical validity and ecological effect. Parkinsonism & Related Disorders 2016 ;Volume 26. s. 41-46
UiT UNN

Citations
Source Google Scholar, as of 26. June 2022: **545**

10 most cited publications	Cited	Year

A systematic review of the characteristics and validity of monitoring technologies to assess Parkinson's disease C Godinho, et al. Journal of neuroengineering and rehabilitation 13 (1), 1-10	196	2016
Quantitative home-based assessment of Parkinson's symptoms: The SENSE-PARK feasibility and usability study JJ Ferreira, et al. BMC neurology 15 (1), 1-7	78	2015
Tweet content related to sexually transmitted diseases: no joking matter E Gabarron, JA Serrano, R Wynn, AYS Lau Journal of medical Internet research 16 (10), e228	54	2014
Gamification strategy on prevention of STDs for youth E Gabarron, et al. Medinfo2013: The 14th World Congress on Medical and Health Informatics (2013),	47	2013
Avatars using computer/smartphone mediated communication and social networking in prevention of sexually transmitted diseases among North-Norwegian youngsters E Gabarron, JA Serrano, R Wynn, M Armayones BMC medical informatics and decision making 12 (1), 120	47	2012
Participatory design in Parkinson's research with focus on the symptomatic domains to be measured JA Serrano, et al. Journal of Parkinson's disease 5 (1), 187-196	35	2015
Continuous leg dyskinesia assessment in Parkinson's disease–clinical validity and ecological effect R Ramsperger, et al. Parkinsonism & Related Disorders 26, 41-46	38	2016
The use of semantic constraints on diagram editors JA Serrano Proceedings of Symposium on Visual Languages, 211-216	31	1995
Clinical parameters and tools for home-based assessment of Parkinson's disease: results from a Delphi study JJ Ferreira, et al. Journal of Parkinson's Disease 5 (2), 281-290	19	2015
Patients initiated timeline marking of events in Parkinson's disease: visualization of time correlation between patients marked events and acquired data from sensors JA Serrano, A Thoms, P Weber International Conference on Augmented Cognition, 325-334	8	2014