


Resume


LORENZO DESIDERI, PHD


I work as researcher and assistive technology (AT) advisor at the regional center for assistive technology in Bologna, the largest not-for-profit resource center service in Italy. I have obtained a PhD from Maastricht University, the Netherlands, on research in the field of quality assurance in AT service delivery targeting children with multiple disabilities. I also specialized in health psychology (with a focus on AT and disability) at the University of Bologna. Over the last 12 years, I have developed and validated a framework for AT service delivery quality assurance which emphasizes user-centered outcome evaluation as a core aspect of quality of AT-related services and provision. Recently, I have coordinated the implementation of the WHO rATA survey in Italy, and I'm coordinating the development of specialized resource centres in Serbia in collaboration with UNICEF. I'm currently serving as Associate Editor of the journal "RESNA Assistive Technology" and "Disability and Rehabilitation: Assistive Technology".


PERSONAL INFORMATION


Lorenzo Desideri, PhD, PsyD

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 [ResearchGate https://www.researchgate.net/profile/Lorenzo_Desideri2](https://www.researchgate.net/profile/Lorenzo_Desideri2)

 Skype [lorenzodesi](https://www.skype.com/people/lorenzodesi)

[LinkedIn www.linkedin.com/in/lorenzo-desideri-33601113a](https://www.linkedin.com/in/lorenzo-desideri-33601113a)

Sex: Male | Date of birth: 02 April 1983 | Nationality: Italian

EDUCATION

- 2015 **Ph.D.**
CAPHRI School for Public Health and Primary Care, Faculty of Health, Medicine and Life Sciences, University of Maastricht, Maastricht (Netherlands)
Title doctoral thesis: "Assistive Technology Service Delivery for Children with Multiple Disabilities A Family-Centred Approach to Assure Quality". [[Download](#)]
Supervisors: Prof. Luc de Witte; Dr. Gert-Jan Gelderblom, and Dr. Uta Roentgen
- 2014 **Psy.D, Clinical psychologist**
University of Bologna, Bologna (Italy)
2nd level Specialization Degree in Health Psychology.
- 2007 **M.S. Applied Cognitive Psychology**
University of Bologna, Bologna (Italy)

PROFESSIONAL EXPERIENCE

- 2010–present **Assistive technology advisor & researcher/Consultant**
AIAS Bologna onlus & Regional Centre for Assistive Technology
<http://www.ausilioteca.org/> & <https://www.aiasbo.it/>
Referent: Dr Evert-Jan Hoogerwerf (hoogerwerf@ausilioteca.org)
Main activities
- Advising on AT solution for communication, learning and activities of daily living for children with intellectual or multiple disabilities and older adults;
 - Assessment of AT interventions' outcomes.
- 2023-2024 **Consultant**
UNESCO IITE
iite.unesco.org
Referent: Dr. Elena Varkvasova (evarkvasova@unesco.org)

Main activities

- Support the development of Resource Centers in Rwanda and Mauritius;
- Design, develop and deliver capacity building activities to teachers in Rwanda and Mauritius with a view to increase their awareness on the use of ICT and AT to promote inclusive educational practices

2023 [Consultant](#)

WHO - Global network for measuring access to assistive technology

<https://shorturl.at/ltATX>

Main activities

- Chair of the Working Group 1 (improving clarity of rATA questions)

2022 [Consultant](#)

UNICEF (Office in Serbia)

<https://www.unicef.org/serbia/en>

Referent: Dr. Marina Starčević Cviko (mstarcevic@unicef.org)

Main activities

- Provide advisory services for updating of the existing AT catalogue;
- Provide advisory services for AT specifications development for the procurement of the AT equipment, and the development of the selection criteria for tender documentation
- Conduct capacity building activities related to AT for the national stakeholders

2019–2021 [Senior Researcher/consultant](#)

Lega del Filo d'Oro

Via Linguetta, 3 - 60027 Osimo (AN)

<https://www.legadelfilodoro.it/en>

Referents: Dr. Patrizia Ceccarani (ceccarani.p@legadelfilodoro.it) - Prof. Giulio Lancioni (giulio.lancioni@uniba.it)

Main research activities

Development of technology-based programs to promote occupational engagement, communication and leisure activities of young adults with profound to severe intellectual disability, deafblindness or multisensory impairments.

2018-2019 [Senior Researcher/consultant](#)

Bologna Local Health Authority - Disability and Health Program

Via Castiglione 29, 40124 Bologna (Italy)

<https://www.ausl.bologna.it/>

Referent: Dr Rita Di Sarro (r.disarro@ausl.bologna.it)

Main research activities

- Responsible for data collection on epidemiology of autism spectrum disorders in the Emilia Romagna Region
- Responsible for evidence collection (systematic literature review) on assistive technology for cognition for autism spectrum disorders

ADVISOR EXPERIENCE

- 2021-2023 **Monitor/Reviewer**
- European Innovation Council and SMEs Executive Agency (EISMEA)
 - European Health and Digital Executive Agency (HaDEA)

ACADEMIC EXPERIENCE

- 2014–2024 **Adjunct Professor**
University of Bologna, Department of Psychology
 Viale Berti Pichat 5, 40127 Bologna (Italy)
- 2014-2017: 'Psycholinguistics' (6-9 CFU)
Course taught to students attending the second cycle degree programmes (LM) in: Historical sciences; Italian Studies, European Literary Cultures, Linguistics; Philosophical Sciences; Semiotics; Visual Arts
 - 2018-Present: 'Learning Processes and Disorders' [Module 2] (3 CFU)
Course taught to students attending the second cycle degree programme (LM) in Applied cognitive psychology
 - 2018-Present: 'Methods and Techniques of Learning Disorders Assessment' [Module 2] (3 CFU)
Course taught to students attending the second cycle degree programme (LM) in School and community psychology
 - 2016-2020: 'Digital technologies for cognitive assessment'
Practice-based laboratory taught to students attending the second cycle degree programme (LM) in Applied cognitive psychology

- 2020–Present **Adjunct Professor**
Sigmund Freud University – Milan
 Via Filippo Argelati 40, 20143 Milan (Italy)
- 2020-Present: "Psychology and Artificial Intelligence"
Course taught to students attending the second cycle degree programme (LM) in Digital psychology

PERSONAL SKILLS

Mother tongue(s) Italian

Foreign language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
[Common European Framework of Reference for Languages](#)

- Communication skills**
- good communication skills gained through my 10-year experience in national and international research projects;
 - excellent contact skills with children and adults, including older adults, with a variety of health conditions and disabilities gained through my experience in the assistive technology field.

- Organisational / managerial skills**
- good team-leading skills (currently responsible for small (n = 4) to medium (n = 6) research teams) gained through my experience as a principal investigator in national and international research projects;
 - good project management skills gained through my experience in more than 15 international and

national research projects;

- good organizational skills gained through my experience in conference and public events organization.

Research skills

- Skilled in psychometric test development and validation.
- Extensive experience in systematic, scoping, and rapid review of scientific literature.
- Excellent competence in running focus groups and living labs with different age groups (children, adults, older adults) to develop personas, investigate users' views and experiences, and in conducting ethnographic investigations to observe users' behaviour in their life contexts.
- Skilled in planning experimental, explorative and qualitative research designs.
- Expert in performing quantitative (SPSS; JASP) and qualitative (ATLAS.ti; NVivo) data analysis.

ADDITIONAL INFORMATION

Memberships

- Member of the **WHO Global network for measuring access to assistive technology** (chair of Working Group 1)

Associate editor

- **Assistive Technology**, the official journal of the Rehabilitation Engineering Society of North America (RESNA).
- **Disability and Rehabilitation: Assistive Technology**

Recent conference organization

- Program co-coordinator of the Workshop Series on Emerging Assistive Technology organized by the Association for the Advancement of Assistive Technology in Europe (AAATE) and the World Intellectual Property Organization (WIPO); virtual event, 16-23-30 April 2021
- Programme & Scientific Coordinator of the XV Conference of the Association for the Advancement of Assistive Technology (AAATE2019 in Europe, Bologna, 28-30 August 2019. website https://aaate2019.eu/wp-content/uploads/sites/24/2019/08/AAATE2019_Proceedings.pdf
- Member of the scientific committee of the II International Conference on Assistive Technology and Disabilities, Rome, 19-21 September 2019. website: <https://www.atadconference2019.org/>

Relevant International Projects

EU-funded/International projects

Dec 2022-Jun 2024 | Support development of Resource Centres (RCs) in Serbia with diverse functions aimed to support teachers, parents and students based on their individual learning needs (LRPS-2022-9176960)

Aim: the project aims at strengthening capacities of Resource Centers' staff members in assistive technology service provision, understand the feasibility of developing a national center for assistive technology, and explore the more suitable financial models to ensure assistive technology provision in Serbia.

My role: Project coordinator

Funding: EU, UNICEF and Ministry of Education, Science and Technological Development (Serbia)

Feb 2021-Jul 2021 | Implementation of WHO-rATA questionnaire in Italy

Aim: the project, jointly funded by the World Health Organization and Istituto Superiore di Sanità, aims at exploring the access to assistive technology in Italy by surveying 10.000 Italian citizens with and without disabilities

My role: Project coordinator

Funding: World Health Organization & Istituto Superiore di Sanità (Italian Institute of Health)

Jan 2021 - Mar 2024 | I'M IN TALES (<https://www.imintalesproject.eu/>)

Aim: To promote inclusive educational practices through the deployment and implementation of digital-based storytelling activities based on Tangible User Interfaces (TUIs).

My role: Responsible for methodology and project quality

Funding: EU (ERASMUS+)

Nov 2019 - Oct 2023 | SHAPES (<https://shapes2020.eu/>)

Aim: to build, pilot and deploy a large-scale, EU-standardised open platform for supporting and extending healthy and independent living for older individuals.

My role: Support the development of the large-scale European trials; coordinate the pilot trials conducted in Italy.

Funding: EU (HORIZON2020)

Nov 2019 - Nov 2022 | NEMO (<https://site.unibo.it/nemoproject/en/project>)

Aim: to develop technology-based educational activities to stimulate language development and communication skills of pre-school children with Autism Spectrum Disorders.

My role: Responsible for the development of the intervention framework.

Funding: EU (ERASMUS+)

Jan 2015 - Dec 2019 | ProACT (<http://proact2020.eu/>)

Aim: to develop and evaluate an ecosystem to integrate a wide variety of new and existing technologies to improve and advance integrated care for multimorbidity.

My role: Understanding users' views and experience with technology; Contributing to the design of *CareApps* interfaces and digital behavior health interventions.

Funding: EU (HORIZON2020)

Jan 2014 - Dec 2016 | EDUROB (<http://edurob.eu/>)

Aim: exploring whether cognitive development of children with intellectual disabilities can be enhanced by means of mediated learning using humanoid robots.

My role: Developing the exploitation strategy for the whole project results and the metrics to evaluate robot acceptance; Designing the protocol to assess effectiveness of robot-based interventions; Conducting trials & data analysis.

Funding: EU (LLP)

Nov 2008 - Jan 2013 | TOBI (<http://archiveweb.epfl.ch/www.tobi-project.org/>)

Aim: to design non-invasive Brain-Computer Interfaces (BCI) prototypes combined with existing assistive technologies and rehabilitation protocols.

My role: developing user-centred evaluation metrics to assess users experience with the BCI applications; Designing and conducting field test experiments.

Funding: EU (FP7)

National (Italian) projects

Sept 2020 – DEC 2021 | RoBò

Aim: to evaluate the effects of a humanoid robot controlled via a virtual reality headset on the social interactions of primary school children with Autism Spectrum Disorders.

Funding: co-founded by Fondazione CARISBO & AIAS. Total grant: 14.650 euros

My role: Principal Investigator

Jan 2019 - Dec 2019 | VIVO

Aim: to develop an integrated platform combining humanoid robots, augmented reality and movement/speech recognition to create innovative intervention scenarios targeting children with Autism Spectrum Disorders within a school setting.

Funding: co-founded by Fondazione CARISBO & AIAS. Total grant: 19.680 euros

My role: Principal Investigator

Jan 2017 - Dec 2017 | Multidimensional Affective Human-Robot Interaction Assessment

Aim: to understand people's emotional experience while interacting with a humanoid robot using a multidimensional approach (self-reported UX; nonverbal communication behavior analysis; heart-rate variability) in the context of a cognitive assessment.

My role: Principal Investigator

Jan 2015 - Dec 2016 | EyeCog

Aim: to evaluate the equivalence in terms of user performance and experience between the standard version of the Kaufman Brief Intelligence Test second edition (KBIT-2) and its eye-controlled version.

My role: Principal Investigator

Publications in peer-reviewed journals

2023

1. Borgnis, F., **Desideri, L.**, Converti, R. M., & Salatino, C. (2023). Available Assistive Technology Outcome Measures: Systematic Review. *JMIR Rehabilitation and Assistive Technologies*, 10, e51124.
2. Lancioni, G. E., Singh, N. N., O'Reilly, M. F., Sigafos, J., Alberti, G., Chiariello, V., ... & **Desideri, L.** (2023). Fostering Functional Occupation and Mobility in People with Intellectual Disability and Visual Impairment Through Technology-Aided Support. *Advances in Neurodevelopmental Disorders*, 7(3), 392-402.
3. Malavasi, M., Cesario, L., Fiordelmondo, V. ... **Desideri, L.** (2023). Validation of an IoT-based home system for integrated care services: a qualitative investigation involving older adults with multiple chronic health conditions. *Journal of Ambient Intelligence and Humanized Computing*. (Published online ahead of print)
4. Lancioni, G. E., Singh, N. N., O'Reilly, M. F., Sigafos, J., Alberti, G., Chiariello, V., **Desideri, L.** & Buono, S. (2023). Low-Cost Technology-Aided Programs for Supporting People With Motor, Visual, and Intellectual Disabilities in Functional Forms of Occupation and Communication: Proof-of-Concept Study. *JMIR Rehabilitation and Assistive Technologies*, 10, e44239.
5. **Desideri, L.**, Cesario, L., Sidoti, C., & Malavasi, M. (2023). Immersive robotic telepresence system to support a person with intellectual and motor disabilities perform a daily task: a case study. *Journal of Enabling Technologies*, 17(1), 12-22.
6. Bonifacci, P., Viroli, C., Vassura, C., Colombini, E., & **Desideri, L.** (2023). The relationship between mind wandering and reading comprehension: A meta-analysis. *Psychonomic Bulletin & Review*, 30(1), 40-59.
7. D'Amico, F., Lancioni, G. E., De Marinis, F., Abbinante, F., Taurisano, P., Abbatantuono, C., & **Desideri, L.** (2023). A technology-aided program to support positive occupation in people with advanced Alzheimer's disease: A pilot study. *Technology and Disability*, (Preprint), 1-8.

2022

8. **Desideri, L.**, Magni, R., Zhang, W., Guerreschi, M., Bitelli, C., Hoogerwerf, E. J., ... & Grigioni, M. (2022). Adapting the World Health Organization rapid Assistive Technology Assessment (rATA) to the Italian context: implementation of a TRAPD-based approach. *Annali dell'Istituto Superiore di Sanita*, 58(2), 118-123.
9. Lancioni, G. E., O'Reilly, M. F., Sigafos, J., Alberti, G., Chiariello, V., Ricci, C., & **Desideri, L.** (2022). People with Intellectual and Visual Disabilities Manage Functional Occupation via Basic Technology Providing Spatial Cues and Timely Repetition of Response-Related Instructions. *Advances in Neurodevelopmental Disorders*, 6(1), 11-19. doi: 10.1007/s41252-021-00225-
10. Lancioni, G. E., Singh, N. N., O'Reilly, M. F., Sigafos, J., Alberti, G., Campodonico, F., & **Desideri, L.** (2022). A smartphone-based program enabling people with intellectual and other disabilities to access leisure, communication, and functional activities. *Universal Access in the Information Society*, 1-10. doi: 10.1007/s10209-021-00858-4
11. Lancioni, G. E., Singh, N. N., O'Reilly, M., Sigafos, J., Alberti, G., Chiariello, V., & **Desideri, L.** (2022). A microswitch-aided program to enable people with extensive multiple disabilities to control environmental stimulation through different responses. *Frontiers in Psychiatry*, 2836.
12. Lancioni, G. E., Singh, N. N., O'Reilly, M. F., Sigafos, J., & **Desideri, L.** (2022). Behavioral intervention approaches for people with disorders of consciousness: a scoping review. *Disability and Rehabilitation*, 44(24), 7677-7692.
13. Lancioni, G. E., Singh, N. N., O'Reilly, M. F., Sigafos, J., Alberti, G., Chiariello, V., & **Desideri, L.** (2022). People with intellectual and visual disabilities access basic leisure and communication

- using a smartphone's Google Assistant and voice recording devices. *Disability and Rehabilitation: Assistive Technology*, 17(8), 957-964.
14. Lancioni, G. E., Belardinelli, M. O., Singh, N. N., O'Reilly, M. F., Sigafoos, J., Alberti, G., & **Desideri, L.** (2022). A Behavioral Approach to Treatment and Assessment of People with Disorders of Consciousness: The Response-contingent Stimulation Strategy. *Journal of Integrative Neuroscience*, 21(6), 158.
 15. Lancioni, G. E., **Desideri, L.**, Singh, N. N., Sigafoos, J., & O'Reilly, M. F. (2022). A commentary on standards for single-case experimental studies. *International Journal of Developmental Disabilities*, 68(5), 781-783.
 16. Lancioni, G. E., Singh, N. N., O'Reilly, M. F., Sigafoos, J., Alberti, G., Del Gaudio, V., ... & **Desideri, L.** (2022). People with intellectual and sensory disabilities can independently start and perform functional daily activities with the support of simple technology. *Plos one*, 17(6), e0269793.
 17. Lancioni, G. E., Singh, N. N., O'Reilly, M., Sigafoos, J., Alberti, G., & **Desideri, L.** (2022). Programs Using Stimulation-Regulating Technologies to Promote Physical Activity in People With Intellectual and Multiple Disabilities: Scoping Review. *JMIR Rehabilitation and Assistive Technologies*, 9(2), e35217.

2021

18. **Desideri, L.**, Bonifacci, P., Croati, G., Dalena, A., Gesualdo, M., Molinaro, G., Cesario, L., Gherardini, A., Ottaviani, C. (2021). The Mind in the Machine: Mind Perception Modulates Gaze Aversion During Child-Robot Interaction. *International Journal of Social Robotics*. DOI: 10.1007/s12369-020-00656-7
19. Lancioni, G. E., Singh, N. N., O'Reilly, M. F., Sigafoos, J., Alberti, G., Chiariello, V., ... & **Desideri, L.** (2021). Technology-Aided Spatial Cues, Instructions, and Preferred Stimulation for Supporting People With Intellectual and Visual Disabilities in Their Occupational Engagement and Mobility: Usability Study. *JMIR Rehabilitation and Assistive Technologies*, 8(4), e33481. doi:10.2196/33481
20. Bonifacci, P., Colombini, E., Marzocchi, M., Tobia, V., & **Desideri, L.** (2021). Text-to-speech applications to reduce mind wandering in students with dyslexia. *Journal of Computer Assisted Learning*. DOI: 10.1111/jcal.12624
21. Lancioni, G. E., Singh, N. N., O'Reilly, M. F., Sigafoos, J., & **Desideri, L.** (2021). Music Stimulation for People with Disorders of Consciousness: A Scoping Review. *Brain Sciences*, 11(7), 858. DOI: 10.3390/brainsci11070858
22. Lancioni, G. E., O'Reilly, M. F., Sigafoos, J., Alberti, G., Chiariello, V., Ricci, C., & **Desideri, L.** (2021). People with Intellectual and Visual Disabilities Manage Functional Occupation via Basic Technology Providing Spatial Cues and Timely Repetition of Response-Related Instructions. *Advances in Neurodevelopmental Disorders*, 1-9. DOI: 10.1007/s41252-021-00225-7
23. **Desideri, L.**, Pérez-Fuster, P., & Herrera, G. (2021). Information and Communication Technologies to Support Early Screening of Autism Spectrum Disorder: A Systematic Review. *Children*, 8(2), 93. DOI: 10.3390/children8020093
24. Lancioni, G. E., O'Reilly, M. F., Sigafoos, J., Alberti, G., Tenerelli, G., Ricci, C., ... & **Desideri, L.** (2021). Tying the Delivery of Activity Step Instructions to Step Performance: Evaluating a Basic Technology System with People with Special Needs. *Advances in Neurodevelopmental Disorders*, 1-10. DOI: 10.1007/s41252-021-00223-9
25. Lancioni, G., **Desideri, L.**, Singh, N., O'Reilly, M., Sigafoos (2021). Technology Options to Help People with Dementia or Acquired Cognitive Impairment Perform Multistep Daily Tasks: A Scoping Review. *Journal of Enabling Technologies*. In press
26. Lancioni, G., **Desideri, L.**, Singh, N., O'Reilly, M., Sigafoos, J., De Caro, M.F., Taurisano P. (2021). Use of technology to sustain mobility in older people with cognitive impairment and dementia: a scoping review. *Disability & Rehabilitation: Assistive Technology*. DOI: 10.1080/17483107.2021.1900935
27. Di Sarro, R., Di Santantonio, A., **Desideri, L.**, Varrucchi, N. (2021). Profiling planning skills and cognitive flexibility of adults with autism spectrum disorders: Preliminary results from an exploratory service-based study. *International Journal of Developmental Disabilities*. DOI: 10.1080/20473869.2020.1871311
28. Lancioni, G. E., Singh, N. N., O'Reilly, M. F., Sigafoos, J., Alberti, G., Campodonico, F., **Desideri, L.**, & Buono, S. (2021). Everyday Technology to Help People with Intellectual and Other Disabilities Access Stimulation via Functional Motor Responses and Improved Body Posture. *Developmental Neurorehabilitation*, 1-9. DOI: 10.1080/17518423.2021.1989513
29. Resta, E., Brunone, L., D'Amico, F., & **Desideri, L.** (2021). Evaluating a Low-Cost Technology to Enable People with Intellectual Disability or Psychiatric Disorders to Initiate and Perform

Functional Daily Activities. *International Journal of Environmental Research and Public Health*, 18(18), 9659. DOI: 10.3390/ijerph18189659

30. Lancioni, G. E., Singh, N. N., O'Reilly, M. F., Sigafoos, J., Alberti, G., Chiariello, V., & **Desideri, L.** (2021). Use of everyday technology to promote ambulation in people with intellectual and multiple disabilities. *Technology and Disability*, (Preprint), 1-8. DOI: 10.3233/TAD-210336

2020

31. **Desideri, L.**, Lancioni, G., Malavasi, M., Gherardini, A., & Cesario, L. (2020). Step-Instruction Technology to Help People with Intellectual and Other Disabilities Perform Multistep Tasks: a Literature Review. *Journal of Developmental and Physical Disabilities*, 1-30. DOI: 10.1007/s10882-020-09781-7
32. Lancioni, G. E., O'Reilly, M. F., Sigafoos, J., **Desideri, L.**, Alberti, G., Chiariello, V., & Nozzolillo, A. (2020). Smartphone-based technology to help individuals with intellectual disability and blindness manage basic indoor travel. *Advances in Neurodevelopmental Disorders*, 4(4), 430-438. DOI: 10.1007/s41252-020-00169-4
33. Lancioni, G. E., Singh, N. N., O'Reilly, M. F., Sigafoos, J., Alberti, G., Chiariello, V., & **Desideri, L.** (2020). People with intellectual and visual disabilities access basic leisure and communication using a smartphone's Google Assistant and voice recording devices. *Disability and Rehabilitation: Assistive Technology*, 1-8. DOI: 10.1080/17483107.2020.1836047
34. Lancioni, G. E., Singh, N. N., O'Reilly, M. F., Sigafoos, J., Alberti, G., Campodonico, F., ... & **Desideri, L.** (2020). Persons with intellectual and multiple disabilities activate via non-verbal responses a smartphone's Google Assistant to access preferred stimulation. *International Journal of Developmental Disabilities*, 1-10. DOI: 10.1080/20473869.2020.1827213
35. **Desideri, L.**, Di Santantonio, A., Varruciu, N., Bonsi, I., Di Sarro, R. (2020). Assistive Technology for Cognition to Support Executive Functions in Autism: A Scoping Review. *Advances in Neurodevelopmental Disorders*. DOI: 10.1007/s41252-020-00163-w
36. Carloni, J., Magni, R., Veglio, E., Ryan, S. E., Gherardini, A., & **Desideri, L.** (2020). Translation and preliminary validation of the Italian version of the Family Impact of Assistive Technology Scale for Augmentative and Alternative communication (FIATS-AAC. it). *Technology and Disability*, 32(2), 129-135. DOI: 10.3233/TAD-200261
37. Lancioni, G., Singh, N., O'Reilly, M.F., Sigafoos, J., Grillo, G., **Desideri, L.**, Alberti, G., Campodonico, F. (2020). A New Tablet-based Program to Support Leisure and Video Calls in People with Intellectual and Motor Disabilities. *Technology & Disability*. DOI: 10.3233/TAD-200268
38. Bonifacci, P., Tobia, V., Marra, V., **Desideri, L.**, Baiocco, R., Ottaviani, C. (2020). Rumination and emotional profile in children with Specific Learning Disorders and their parents. *International Journal of Environmental Research & Public Health*, 17(2), 389; DOI: 10.3390/ijerph17020389

2019

39. Lancioni, G. E., O'Reilly, M. F., Sigafoos, J., **Desideri, L.**, Alberti, G., Campodonico, F., & Chiariello, V. (2019). Smartphone-Based Technology to Support Functional Occupation and Mobility in People with Intellectual Disability and Visual Impairment. *Advances in Neurodevelopmental Disorders*, 1-9. DOI: 10.1007/s41252-019-00120-2
40. **Desideri, L.** Good Practices in Assistive Technology Service Delivery for Children: A Commentary on van Niekerk et al. study. *Disability & Rehabilitation: Assistive Technology*. DOI: 10.1080/17483107.2019.1649476
41. **Desideri, L.**, Ottaviani, C., Malavasi, M., di Marzio, R., & Bonifacci, P. (2019). Emotional processes in human-robot interaction during brief cognitive testing. *Computers in Human Behavior*, 90, 331-342. DOI: 10.1016/j.chb.2018.08.013
42. **Desideri, L.**, Ottaviani, C., Cecchetto, C., Bonifacci, P. (2019). Mind wandering, together with Test Anxiety and Self-Efficacy, Predict Student's Academic Self-Concept but not Reading Comprehension Skills. *British Journal of Educational Psychology*, 89(2), 307-323. DOI:10.1111/bjep.12240
43. Hughes-Roberts, T., Brown, D., Standen, P., **Desideri, L.**, Negrini, Rouame, A., Malavasi, M., Wager, G., Hasson, C. (2019). Examining Engagement and Achievement in Learners with Individual Needs through Robotic-Based Teaching Sessions. *British Journal of Educational Technology*. DOI: 10.1111/bjet.12722

2018

44. **Desideri, L.**, Negrini, M., Malavasi, M., Cutrone, M. C., Hoogenwerf, E.-J., Bonifacci, P. (2018). Using a Humanoid Robot as a Complement to Interventions for Children with Autism Spectrum

Disorder: A Pilot Study. *Advances in Neurodevelopmental Disorders*. DOI: 10.1007/s41252-018-0066-4

45. **Desideri, L.**, Bonifacci, P. Verbal and Nonverbal Anticipatory Mechanisms in Bilinguals (2018). *Journal of Psycholinguistic Research*, 47(3), 719-739. DOI: 10.1007/s10936-017-9556-1
46. **Desideri, L.**, Tarabelloni, G., Nanni, I., Malavasi, M., Nori, R., Bonifacci, P. (2016). An eye-controlled version of the Kaufman Brief Intelligence Test 2 (KBIT-2) to assess cognitive functioning. *Computers in Human Behavior*, 63, 502-508. DOI 10.1016/j.chb.2016.05.077

2016

47. **Desideri, L.**, Trioschi, D., Augusto, R., Bizzarri, M., Spagnolin, G., Cantelli, S., Paolini, C., Malavasi, M., Bitelli, C. (2016). The Provision of Powered Mobility Devices in Italy: Linking Process with Outcomes. *Technologies*, 4(3), 31. DOI:10.3390/technologies4030031
48. **Desideri, L.**, Stefanelli, B., Bitelli, C., Roentgen, U., Gelderblom, G.-J., de Witte, L. (2016). Satisfaction of users with assistive technology service delivery: an exploratory analysis of experiences of parents of children with physical and multiple disabilities. *Developmental Neurorehabilitation*, early online. DOI: 10.3109/17518423.2014.988303
49. **Desideri, L.**, Bizzarri, M., Bitelli, C., Roentgen, U., Gelderblom, G. J., de Witte, L. (2016). Implementing a routine outcome assessment procedure to evaluate the quality of assistive technology service delivery for children with physical or multiple disabilities: Perceived effectiveness, social cost, and user satisfaction, *Assistive Technology*, 28(1):30-40. DOI: 10.1080/10400435.2015.1072592

2015

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