

THE 2023

Lifechanging design

Milan 9th-13th October

PROCEEDINGS OF IASDR 2023

EDITORS: Daniela De Sainz Molestina Laura Galluzzo Francesca Rizzo Davide Spallazzo





SCUOLA DEL DESIGN DIPARTIMENTO DI DESIGN



Life-Changing Design

Proceedings of the 10th Congress of the International Association of Societies of Design Research (IASDR 2023)

EDITORS:

Daniela de Sainz Molestina Laura Galluzzo Francesca Rizzo Davide Spallazzo

Proceedings of the 2023 IASDR Congress

International Association of Societies of Design Research International Congress 9 – 13 October 2023 Milan, Italy www.iasdr2023.polimi.it

Cover and congress identity design by Daniela de Sainz Molestina Proceedings compiled by Lenny Martinez Dominguez

Editors: Daniela de Sainz Molestina, Laura Galluzzo, Francesca Rizzo, Davide Spallazzo



This work is licensed under a Creative Commons Attribution-Non Commercial 4.0 International License. http://creativecommons.org/licenses/by-nc/4.0/

ISBN 978-1-912294-59-6 https://doi.org/10.21606/iasdr.2023.899

Published by the Design Research Society 85 Great Portland Street London, W1W 7LT United Kingdom Contents

From E-waste to Jewellery: creating emotionally durable jewellery with the metal recovered from electronic waste

Kunning Ding, The University of Dundee, UK <u>https://doi.org/10.21606/iasdr.2023.634</u>

Immersive Reading in VR

Nikola Kunzova, Masaryk University, Czech Republic https://doi.org/10.21606/iasdr.2023.765

Investigating strategies for delivering change through the practice of co-design with communities in the Northern Ireland context Katrina Newell, Ulster University, UK

https://doi.org/10.21606/iasdr.2023.666

Investigating the adoption of autonomous processes in the context of organizations Garoa Gomez Beldarrain, Delft University of Technology, The Netherlands Euiyoung Kim, Delft University of Technology, The Netherlands Himanshu Verma, Delft University of Technology, The Netherlands Alessandro Bozzon, Delft University of Technology, The Netherlands <u>https://doi.org/10.21606/iasdr.2023.812</u>

Longing for: Exploring intimacy and sexual expression in long-term care through Participatory Design approaches

Yoni Maartje Lefévre, KU Leuven, Belgium https://doi.org/10.21606/iasdr.2023.673

Mindfulness for designers. An integration of mindfulness, design education and reflective practices Alberto Iberbuden, Anhalt University of Applied Sciences, Germany <u>https://doi.org/10.21606/iasdr.2023.865</u>

Participatory design for craft sustainability in rural areas: a multi-sited approach Peining Sheng, The University of Edinburgh, UK <u>https://doi.org/10.21606/iasdr.2023.643</u>

Personhood: defined, collected, and integrated

Amber De Coen, LUCA School of Arts, Belgium https://doi.org/10.21606/iasdr.2023.733

Queer cities. Designing inclusive public spaces through participative and social innovative actions and practices Valentina Ferreri, Politecnico di Milano, Italy <u>https://doi.org/10.21606/iasdr.2023.815</u>

Queering Futures with Data-Driven Speculation: the design of an expanded mixed methods research framework integrating qualitative, quantitative, and practice-based modes Jess Westbrook, DePaul University, USA https://doi.org/10.21606/iasdr.2023.725

Service Design to promote a systemic and dynamic perspective of well-being in dementia care Xiaolin Shen, Politecnico di Milano, Italy <u>https://doi.org/10.21606/iasdr.2023.808</u>

Snapping (identities) through design forward Sara lebole, Università degli Studi di Genova, Italy <u>https://doi.org/10.21606/iasdr.2023.779</u>



International Association of Societies of Design Research Congress 2023 LIFE-CHANGING DESIGN

Service Design to promote a systemic and dynamic perspective of well-being in dementia care

Shen, Xiaolin Politecnico di Milano, Milano, Italy doi.org/10.21606/iasdr.2023.808

1 Abstract

Individuals with dementia often display a range of behavioral and psychological symptoms, which can lead to increased reliance on care partners and the need for more complex care during daily activities (WHO, 2017). This not only places a burden on the affected person, but also has a direct impact on their care partners (Köhler et al., 2021). In the 20th century, there has been a shift towards promoting the well-being of both people with dementia and their care partners (Burley et al., 2020), emphasizing the importance of understanding the interactions and experiences of all actors involved in dementia care (Watson, 2019; Podgorski et al., 2021; Köhler et al., 2021).

However, in the field of dementia care, the concept of well-being has mainly been framed from an individual perspective and associated with "health." This approach emphasizes people's functioning and capabilities while disregarding the systemic and structural contexts in which people with dementia are situated (Kitwood, 1993; Dröes et al., 2017). Consequently, existing design studies tend to focus on developing products or environments to assist people with dementia (Tsekleves & Keady, 2021; Rodgers, 2022), with limited consideration of how a systemic view of well-being can inform the design of dementia care, taking into account the needs of their care partners, families, and communities as a whole.

Based on research gaps, my PhD research questions are: (1) How to understand well-being from a systemic perspective in dementia care and what are their interrelations in existing care models? (2) How is the systemic perspective of well-being currently approached in designing for dementia care? (3) How can service design introduce and foster a systemic perspective of well-being for dementia care?

This research aims to explore how Service Design should change in order to adopt and reach toward a systemic and dynamic perspective of well-being in the context of dementia care. While acknowledging the need to focus on improving the well-being of people with dementia and their care



partners, this research will explore the influence of relational dynamics involving multiple actors on the experiences of caregiving or living with dementia. Figure 1 shows my PhD research focus.

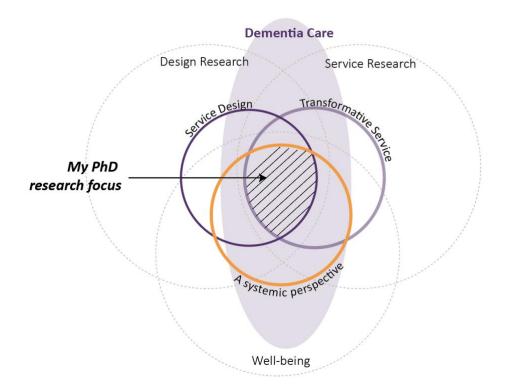


Figure 1.My PhD research focus. Source: the author.

My PhD research will draw on both empirical and theoretical knowledge to create a more holistic understanding of dementia care, well-being, and the challenges associated with it. The interdisciplinary nature of this research will involve collaboration with healthcare professionals, designers, and other stakeholders from nursing, psychology, health science, and transformative service research.

So far, the research findings include four parts: (1) the historical transformative perspective of wellbeing in dementia care, (2) a developed framework concerning a systemic perspective of well-being and the reflection about Service Design contributions, (3) an analysis of the case of a dementia-friendly community from a systemic well-being lens, and (4) key learnings from expert interviews in the field of dementia care and preparation for conducting action research (research through design) in the Europe.

Keywords: Service design; Well-being; Dementia care; Transformative service; Systemic perspective

References

- Burley, C. V., Livingston, G., Knapp, M. R., Wimo, A., Norman, R., & Brodaty, H. (2020). Time to invest in prevention and better care of behaviors and psychological symptoms associated with dementia. *International Psychogeriatrics*, 32(5), 567-572. https://doi.org/10.1017/S104161022000037X
- Dröes, R. M., Chattat, R., Diaz, A., Gove, D., Graff, M., Murphy, K., ... & INTERDEM sOcial Health Taskforce.
 (2017). Social health and dementia: a European consensus on the operationalization of the concept and directions for research and practice. *Aging & Mental Health*, 21(1), 4-17. https://doi.org/10.1080/13607863.2016.1254596

- Köhler, K., Dreyer, J., Hochgraeber, I., von Kutzleben, M., Pinkert, C., Roes, M., & Holle, B. (2021). Towards a middle-range theory of "Stability of home-based care arrangements for people living with dementia" (SoCA-Dem): Findings from a meta-study on mixed research. *BMJ Open, 42515*. https://doi.org/10.1136/bmjopen-2020-042515
- Kitwood, T. (1993). Towards a theory of dementia care: the interpersonal process. Ageing & Society, 13(1), 51-67. https://doi.org/10.1017/s0144686x0000502x
- Podgorski, C. A., Anderson, S. D., & Parmar, J. (2021). A Biopsychosocial-Ecological Framework for Family-Framed Dementia Care. *Frontiers in Psychiatry*, 12.
 - https://www.frontiersin.org/articles/10.3389/fpsyt.2021.744806
- Rodgers, P. A. (2022). *Design for People Living with Dementia* (1st ed.). Routledge. https://doi.org/10.4324/9781003095460
- Tsekleves, E., & Keady, J. (2021). *Design for people living with dementia: Interactions and innovations.* Routledge.
- Watson, J. (2019). Developing the Senses Framework to support relationship-centred care for people with advanced dementia until the end of life in care homes. *Dementia*, *18*(2), 545-566. https://doi.org/10.1177/1471301216682880
- World Health Organization. (2017). Global action plan on the public health response to dementia 2017–2025. Retrieved from https://apps.who.int/iris/bitstream/handle/10665/259615/9789241513487eng.pdf?sequence=1. Accessed August 6, 2023.