

3.5 Publikationen

Die im Rahmen des Projektes gewonnenen Erkenntnisse wurden begleitend in Form von wissenschaftlichen Publikationen kommuniziert. Für einige Publikationen fand eine projektpartnerübergreifende Zusammenarbeit statt. Die folgenden Publikationen mit Projektbezug wurden im Projektverlauf veröffentlicht bzw. sind zum Zeitpunkt der Verfassung dieses Berichts zur Veröffentlichung angenommen.

3.5.1 Healthy, Active and Connected: Towards Designing an Age-Friendly Digital Neighborhood Platform

Vogel, P., Jurcevic, N., and Meyer-Blankart, C. 2019. "**Healthy, Active and Connected: Towards Designing an Age-Friendly Digital Neighborhood Platform**," in: *European Conference on Information Systems (ECIS)*. Stockholm-Uppsala, Sweden.

Due to declining fertility rates and rising life expectancy, the world's population is ageing at an unprecedented pace. This demographic change is expected to exert pressure on social security as well as healthcare systems and poses the risk of social exclusion of the elderly. As urban areas are home to the majority of the global elderly population, they are disproportionately affected by this development. Cities have begun responding with strategies ranging from policy and regulation reform to investments in innovative healthcare technologies with the goal of becoming "age-friendly". Enabling the elderly to live a socially active, healthy and self-determined lifestyle past retirement are among the prime objectives for alleviating the challenges of an ageing society. With increasing urbanization, human, technological and infrastructural resources of urban contexts or neighborhoods have presented themselves as important determinants of elderly well-being. We propose that an age-friendly digital neighborhood platform can activate and leverage these resources to the benefit of the elderly population, contributing to the mitigation of the challenges of an ageing society. Following a design science research approach, we develop design principles for such an age-friendly digital neighborhood platform and evaluate a prototypical instantiation in two case neighborhoods in a German metropolitan area.

3.5.2 Multilevel Design for Smart Communities: The Case of Building a Local Online Neighborhood Social Community

Grotherr, C., Vogel, P., and Semmann, M. 2020. "**Multilevel Design for Smart Communities: The Case of Building a Local Online Neighborhood Social Community**," in: *Hawaii International Conference on System Sciences (HICSS)*. Grand Wailea, HI, USA.

Smart cities and communities aim for social well-being. Mobilizing and integrating various institutions, actors, and resources are crucial when building and instantiating smart community initiatives. The design of such an arrangement is a complex phenomenon, difficult to conduct systematically and to observe empirically. We address this challenge by applying a multilevel design framework for service systems to an ongoing design science research project. The research project pursues the goal of building a neighborhood community as an instantiation of smart communities by activating and leveraging local institutions, actors, and resources on an IT-enabled engagement platform. We demonstrate how this multilevel perspective informs the design process for building smart communities. Based on micro-level observations, the interdependence of engagement-

stimulating mechanisms related to the platform's design at the meso-level, and design implications for the institutional arrangement at the macro-level are emphasized as inseparable design activities for mobilizing and integrating actors and resources.

3.5.3 Conceptualizing Design Parameters of Online Neighborhood Social Networks

Vogel, P., Grotherr, C., Kurtz, C., and Böhmman, T. 2020. "**Conceptualizing Design Parameters of Online Neighborhood Social Networks**," in: *International Conference on Wirtschaftsinformatik (WI)*. Potsdam, Germany.

Online neighborhood social networks (ONSNs) represent an emerging phenomenon among a growing number of niche social networks. These platforms afford users the ability to engage in activities such social interaction with neighbors, sharing of information on local issues or neighborhood volunteering and exhibit promising effects, including improved relationships between neighbors and an increase in neighborly communication. Despite the mounting popularity of platforms such as Nextdoor or nebenan, extant research on ONSNs remains scarce. In this paper, we aim to alleviate this research gap by developing a conceptually and empirically validated taxonomy of ONSNs with a particular focus on their differentiating design properties. We further leverage this taxonomy to derive four distinct archetypes of ONSNs based on a cluster analysis. With our research we provide a first and structured overview on the domain of ONSNs and support researchers and practitioners in analyzing, designing and selecting ONSNs.

3.5.4 Designing Tool Support for Crowd-Sourced Community Initiatives on Online Neighborhood Social Networks

Vogel, P., Grotherr, C., and Böhmman, T. 2020. "**Designing Tool Support for Crowd-Sourced Community Initiatives on Online Neighborhood Social Networks**," in: *European Conference on Information Systems (ECIS)*. A Virtual AIS Conference.

The social connectedness of a community, characterized by aspects such as social support, social trust and civic engagement, plays an important role in determining the well-being of its inhabitants. Neighborhood activism and volunteering through community initiatives can improve this social connectedness. Online neighborhood social networks (ONSNs) afford users functionality for social interaction, information sharing as well as peer-support and aim to improve community connectedness with platforms such as Nextdoor exhibiting rapid growth in recent years. However, as of yet, ONSNs do not provide specific tool support for implementing community initiatives beyond generic communication capabilities. We propose crowdsourcing as a suitable approach for mobilizing neighbors to ideate, participate in and collaboratively implement community initiatives on ONSNs. Using a design science research approach, we develop design goals and design principles for crowd-sourced community initiatives based on literature and empirical data from two case neighborhoods. We instantiate these design principles into a proof-of-concept artifact in the context of an existing ONSN. Based on our evaluation, we derive implications for establishing crowd-sourced community initiatives on ONSNs. We contribute to research on crowdsourcing and ONSNs with nascent design knowledge which guides researchers and practitioners in designing crowd-based artifacts in the context of local communities.

3.5.5 Design and Evaluation of an Online Neighborhood Social Network for Fostering Social Connectedness and Participation: Lessons from Two Urban Neighborhoods

Vogel, P., von Mandelsloh, F., Grotherr, C., Gaidys, U., and Böhmman, T. 2020. "**Design and Evaluation of an Online Neighborhood Social Network for Fostering Social Connectedness and Participation: Lessons from Two Urban Neighborhoods**," in: International Conference on Information Systems (ICIS). A Virtual AIS Conference.

Increasing urbanization and population aging, as well as associated adverse outcomes such as social isolation or exclusion, imperil the well-being of local communities. Online neighborhood social networks (ONSNs) represent a novel type of online social network that exhibits promising effects on the social connectedness and social participation of inhabitants of urban neighborhoods. Following a design science research approach, we draw on empirical data from two case neighborhoods as well as extant literature and develop design principles for an ONSN for fostering social connectedness and participation. We instantiate this design knowledge into the MyNeighbors ONSN and conduct a long-term naturalistic evaluation. Based on platform usage, an online survey and qualitative interviews, we determine that ONSNs harbor the potential to improve the social connectedness and participation of neighbors. Our validated design knowledge contributes to research on ONSNs as well as technology-mediated social connectedness and participation.

3.5.6 Older Adults' Use of Online Neighborhood Social Networks: Perceptions, Challenges and Effects

Vogel, P., Grotherr, C., von Mandelsloh, F., Gaidys, U., and Böhmman, T. 2021. "**Older Adults' Use of Online Neighborhood Social Networks: Perceptions, Challenges and Effects**," in: Hawaii International Conference on System Sciences (HICSS). A Virtual AIS Conference.

Online social networks (OSNs) have demonstrated potential for enabling older adults to remain socially connected and to maintain a healthy and active lifestyle. With older adults preferring to age in place, their local community and neighborhood gain in importance. Online neighborhood social networks (ONSNs) are a novel type of OSN aimed at connecting local communities by facilitating social interaction, information sharing and peer support among neighbors. With a focus on trust and privacy, local relevance and integration with local organizations and institutions, they might be particularly well suited for the needs of older adults. We investigate the relationship between older adults and ONSNs by analyzing usage data, an online survey and interviews with users of an ONSN active in two urban neighborhoods in Germany. Our findings show that the case ONSN was successful in facilitating communication between neighbors and in promoting participation in community life for older adults.

3.5.7 Fostering Social Resilience Via Online Neighborhood Social Networks During the Covid-19 Pandemic and Beyond: Status Quo, Design Dilemmas and Research Opportunities

Vogel, P., Kurtz, C., Grotherr, C., and Böhmman, T. 2021. "**Fostering Social Resilience Via Online Neighborhood Social Networks During the Covid-19 Pandemic and Beyond: Status Quo, Design**

Dilemmas and Research Opportunities," in: Hawaii International Conference on System Sciences (HICSS). A Virtual AIS Conference.

Public health measures are curtailing the COVID-19 pandemic's spread but also impact individual and societal well-being. Altogether, they test the social resilience of communities, their collective ability to cope with crises. The pandemic highlights the significance of the immediate local community or neighborhood, be it for providing assistance to individuals in need, the sensible sharing of public spaces or a renewed conscience for supporting local businesses. We argue that online neighborhood social networks (ONSNs) represent a viable solution for improving social resilience as they enhance a community's resistance to disruptions, quicken recovery to a normal level of functioning and can become a platform for creative solutions to strengthening social resilience. We conduct a multiple case study to demonstrate how ONSNs foster social resilience in the focal crisis and beyond. Furthermore, we identify design dilemmas and highlight avenues for IS research with a high impact on local communities and their well-being.

Veröffentlichungen (Auflistung in chronologischer Reihenfolge)

BEGEROW, A., VON MANDELSLOH, F., MORCINIEC, D., GAIDYS, U. 2017. *Versorgungsbedarfe von älteren Menschen in der Häuslichkeit – Projekt AGQua*. 15. Vortrag. Gesundheitspflege-Kongress: Hamburg

VON MANDELSLOH, F., BEGEROW, A., MORCINIEC, D., GAIDYS, U. 2017. *Pflegewissenschaftliche Evaluation des Projektes „Aktive und Gesunde Quartiere Uhlenhorst und Rübenkamp“ –AGQua*. URL: www.hag-gesundheit.de/uploads/docs/1664.pdf. Posterbeitrag. Hamburger Arbeitsgemeinschaft für Gesundheitsförderung (HAG).

VON MANDELSLOH, F., BEGEROW, A., MORCINIEC, D., GAIDYS, U. 2017. *Pflegewissenschaftliche Evaluation des Projektes „Aktive und gesunde Quartiere Uhlenhorst und Rübenkamp“-AGQua*. „Markt der Möglichkeiten“- Einblicke in das Department Pflege und Management. Posterbeitrag. Department Pflege und Management. HAW Hamburg.

VON MANDELSLOH, F., BEGEROW, A., MORCINIEC, D., GAIDYS, U. 2017. *Warum Quartiersprojekte?* Campusfest- 10 Jahre Fakultät Wirtschaft und Soziales. Posterbeitrag. Department Pflege und Management. HAW Hamburg.

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VON MANDELSLOH, F., BEGEROW, A., MORCINIEC, D. & GAIDYS, U. 2018. *Erste Ergebnisse zur Prozessevaluation des Projektes AGQua*. CCG Forschungstag. Department Pflege und Management. HAW Hamburg.

VON MANDELSLOH, F., BEGEROW, A., MORCINIEC, D. & GAIDYS, U. 2018. *Aktive und Gesunde Quartiere Uhlenhort und Rübenkamp (AGQUA)*. Pflegewissenschaftliche Evaluationsergebnisse. HAW Hamburg. CCG Ringvorlesung.

VON MANDELSLOH, F., BEGEROW, A., MORCINIEC, D. & GAIDYS, U. 2018: *Gesundheitsfördernde Maßnahmen in zwei Hamburger Quartieren: Ergebnisse der Basiserhebungen der Evaluation des Projektes AGQua*. 54. Jahrestagung der DGSMP, 12. - 14. Sep. 2018: Dresden.

VON MANDELSLOH, F., BEGEROW, A., MORCINIEC, D., Leußler, M. & GAIDYS, U. 2018. *The development of healthy neighborhoods in Hamburg. II*. Brazilian-German Nursing Symposium 22th. HAW Hamburg. Department Pflege und Management.

GAIDYS, U., BEGEROW, A., MORCINIEC, D. & VON MANDELSLOH, F. 2018. *Wie leben wir gesund im Quartier? Einen alten Baum verpflanzt man nicht - Wohnvisionen 2040*. URL: www.gwhh.de/fileadmin/user_upload/gwhh_de/Downloads/Impulsvortrag_Wie_leben_wir_gesund_im_Quartier_Prof._Dr._Uta_Gaidys.pdf. Gesundheitswirtschaft Hamburg (GWHH).

VON MANDELSLOH, F., BEGEROW, A., MORCINIEC, D., GAIDYS, U. 2018. *Pflegewissenschaftliche Evaluation des Projektes „Aktive und gesunde Quartiere Uhlenhorst und*

Rübenkamp-AGQua“. „Markt der Möglichkeiten“- Einblicke in das Department Pflege und Management. Posterbeitrag. Department Pflege und Management. HAW Hamburg.

VON MANDELSLOH, F., BEGEROW, A., MORCINIEC, D. & GAIDYS, U. 2019. „Also mein Mann würd hier nicht herkommen, weder zur Kaffeestube noch wenn wir so n Abend machen (...)“ Interviewergebnisse der Evaluation des Hamburger Quartiersprojektes AGQua. CCG Forschungstag. Department Pflege und Management. HAW Hamburg.

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VON MANDELSLOH, F., BEGEROW, A., MORCINIEC, D. & GAIDYS, U. 2020. „Interview results of the evaluation of the Hamburg neighborhood project AGQua“. 2nd International Conference of the German Society of Nursing Science which will be held from 8-9 May 2020: Berlin. (Abstract zum Betrag wurde angenommen, jedoch wurde der Kongress aufgrund der COVID 19 Eindämmungsmaßnahmen abgesagt.)

VON MANDELSLOH, F., BEGEROW, A., MORCINIEC, D. & GAIDYS, U. 2020. Erste wissenschaftliche Ergebnisse zum Projekt AGQua. Quartier Uhlenhorst. Hrsg.: Hochschule für Angewandte Wissenschaften Hamburg, Fakultät Wirtschaft und Soziales, Department Pflege und Management, Prof. Dr. Uta Gaidys: Hamburg.

VON MANDELSLOH, F., BEGEROW, A., MORCINIEC, D. & GAIDYS, U. 2020. Erste wissenschaftliche Ergebnisse zum Projekt AGQua. Quartier Rübenkamp. Hrsg.: Hochschule für Angewandte Wissenschaften Hamburg, Fakultät Wirtschaft und Soziales, Department Pflege und Management, Prof. Dr. Uta Gaidys: Hamburg.

VOGEL, P., VON MANDELSLOH, F., GROTHERR, C., GAIDYS, U., BÖHMANN, T. (2020) "Design and Evaluation of an Online Neighborhood Social Network for Fostering Social Connectedness and Participation: Lessons from Two Urban Neighborhoods" International Conference on Information Systems (ICIS), A Virtual AIS Conference (accepted for publication; publication in Dec. 2020).

VOGEL, P., GROTHERR, C., VON MANDELSLOH, F., GAIDYS, U., BÖHMANN, T. (2020) "Older Adults' Use of Online Neighborhood Social Networks: Perceptions, Challenges and Effects" Hawaii International Conference on System Sciences (HICSS), A Virtual AIS Conference (accepted for publication; publication in Jan. 2021).

VON MANDELSLOH, F. BEGEROW, A., GAIDYS, U. 2020. Förderung der körperlichen und sozialen Aktivitäten in zwei Hamburger Quartieren: Auswertung der Basiserhebungen zur Evaluation des Quartiersprojektes AGQua. Pflege & Gesellschaft - Zeitschrift für Pflegewissenschaften (Zur Veröffentlichung angenommen am 02.09.20, Veröffentlichung laut Verlag im zweiten Quartal 2022).

PAETZELT, G., VON MANDELSLOH, F., BEGEROW, A., GAIDYS, U. 2021. Gesundheitsfördernde Maßnahmen in zwei Hamburger Quartieren: Ergebnisse der Prozessevaluation des Projektes Aktive und Gesunde Quartiere Uhlenhorst und Rübenkamp (AGQua) im Längsschnitt. Tandemveranstaltung: 5. Hamburger Symposium zur regionalen Gesundheitsversorgung & 7. Konferenz „Stadt der Zukunft“ gesunde, nachhaltige Metropolen, 17. und 18.11.21. Onlineveranstaltung (Posterbeitrag wird ausgestellt).

Die Dokumente zu den jeweiligen Veröffentlichungen sind in Anhang AP14-9 zu finden.
