

CURRICULUM VITAE

DR. CLAUDIA MÜLLER

Guest professor/ Research Fellow

Careum School of Health Sciences, Zurich, Switzerland

and

Assistant Professor IT for the Ageing Society

Dept. of Information Systems
University of Siegen, Germany

ACADEMIC APPOINTMENTS

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| October 2018 – present | Careum School of Health Sciences, Zurich, Switzerland Research group „Ageing at home“ |
| November 2013 - present | Assistant Professor IT for the Ageing Society Dept. Information Systems, University of Siegen, Germany Teaching; project acquisition and principal investigator of projects ACCESS, Cognitive Village and SFB 1187 Project A05 „Cooperative Generation of User Autonomy in the Ageing Society“ (German Research Foundation, DFG) |
| 08/2014 –10/2014 | Visiting Scholar at Université de Technologie de Troyes, France Research Group Prof. M. Lewkowicz, Institut Charles Delaunay (<i>Collaboration on design of wellbeing technologies for older adults with participatory design and Living Lab processes and methodologies</i>) |
| 01/2013 – 11/2013 | Research Associate at International Institute for Socio-Informatics (IISI), Bonn, Germany. |
| 11/2006 – 12/2012 | Research Associate at the Chair of Information Systems and New Media, University of Siegen, Germany Co-acquisition and co-project lead on projects Neighbourhood-IT, FoSIBLE, Social Display and AMi (Please see further explanations in section „Project Acquisition“) |
| 09/2006 – 11/2006 | Visiting Researcher at Center for Lifelong Learning and Design (L3D) at Colorado University at Boulder, USA, Prof. Gerhard Fischer |
| 03/2004 – 11/2006 | Student researcher at Fraunhofer Institute for Applied Information Technology (FIT), St. Augustin, Germany Collaboration in project ViSEK/VSEK; ethnographic studies on knowledge transfer in local networks between academia and industry on methods and tools in software engineering |

EDUCATION

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| 09/2013 | Dr. rer. pol. in Information Systems (<i>summa cum laude</i>) University of Siegen, Faculty of Economics, Information Systems & Business Law |
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| 2008 – 2012 | Doctoral School „Locating Media” , Univ. of Siegen; Internal study grant |
| 2000 – 2006 | Studies of Cultural Anthropology, History & Medical Anthropology University of Bonn, Germany <i>(Grade 1,3, Master of Arts)</i> |
| 1995 – 1998 | Apprenticeship University Clinic Bonn, Germany Registered Nurse |

HONORS AND AWARDS

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| 05/2014 | Dissertation Award Development grant for young academics, Faculty III, University Siegen |
| 2015 | ACM CHI 2015 Best Paper Honorable Mention Award (top 5%) |

MANDATES

Member of the German National Commission for the Eights Government Report on the Elderly “Older adults and digitalization”, German Ministry for Family Affairs (Mitglied der Sachverständigenkommission des achten Altenberichts der Bundesregierung “Ältere Menschen und Digitalisierung”, BMFSFJ)

Expert group “Digitization and Education for Older Adults”, German Ministry for Family Affairs (Fachbeirat Digitalisierung und Bildung für ältere Menschen, BMFSFJ)

PROJECT ACQUISITION & PROJECT WORK

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| 2019 – 2022 | <p>CareComLabs – Innovative Home Care Models for People with Comprehensive Care Needs: Caring Community Living Labs <i>CareComLabs aims at participatory research and living lab-based implementation of innovative community-based care models for persons with comprehensive care needs.</i></p> <p><i>Funding agency:</i> SNF, National Research Programme NRP74 – Smarter Health Care <i>Role:</i> Co-applicant and co-lead</p> |
| 2018 – 2021 | <p>ACCESS – Supporting digital literacy and appropriation of ICT by older people <i>ACCESS is a multi-national project dedicated to digital literacy; providing socially embedded learning opportunities for older persons with low technical skills in order to enable them to get in touch with modern technology and find meaningful ways for its every-day use. By this, the project aims at overcoming a general lack of attention to later life learning.</i></p> <p><i>Funding agency:</i> JPI EU/BMBF, Joint Programming Initiative „More Years, Better Lives“ <i>Role:</i> Principal applicant and lead</p> |

- 2016 – 2019
- Cooperative Generation of User Autonomy in the Ageing Society, DFG**
Part Project in the Special Research Area (SFB 1187) „Media of Cooperation“, University of Siegen
The aim of this project is the ethnographic examination and socio-technical design of autonomy-promoting media infrastructures. Specifically, the scope of the research project considers the autonomous use and appropriation of digital media by both tech-savvy elderly users as well as those who are less technically experienced.
- Funding agency:* German Research Foundation (DFG)
Role: Principal applicant and lead
- 2015 – 2018
- Cognitive Village – Adaptive and self-learning technologies for ageing at home**
*Cognitive Village aims at developing adaptive and self-learning sensor technologies to support ageing at home.
The main task of my research group is to build bridges between high tech solutions and the every-day living environments of elderly people by ethnographic and action-research based studies. It also entails the build-up of a common learning and co-design space between the very target group, but for also actors from industry, application partners and commerce.*
- Funding agency:* Federal Ministry of Education & Research (BMBF)
Role: Co-applicant and co-lead
- 2012 – 2014
- Neighbourhood-IT: Fostering informal help between tenants in a city quarter**
Co-design of an ICT-based neighbourhood platform to improve the independence and social participation of older adults in a city quarter.
- Funding agency:* Federal Ministry for Family Affairs (BMFSFJ)
Role: Substantial contribution in acquisition, lead in conduct
- 2010 – 2013
- FoSIBLE – Fostering Social Interaction for a Better Life of The Elderly**
Exploration and co-design of a social TV framework to support interaction between and inclusion of elderly people. A German-Austrian-French collaboration project.
- Funding agency:* AAL Joint Project; Co-funded by Federal Ministry of Education and Research (BMBF) and European Union)
Role: Substantial contribution in acquisition, lead in conduct
- 2009 – 2012
- Social Display**
Fostering communication and interaction by a large-screen display among residents in stationary facilities; Co-research and design with residents and employees of the residential care home.
- Funding agency:* Internal study grant at Doctoral School „Locating Media, University of Siegen
Role: Substantial contribution in acquisition, lead in conduct
- 2009-2011
- AMi – Alzheimer Monitoring**
AMi aimed at improving the living conditions of persons suffering from dementia as well as their caregivers at home and in stationary facilities. By ethnographic and action-research based methods a GPS-based monitoring systems was co-designed in order to serve the highly sensitive needs of the

target groups.

Funding agency: Federal Ministry of Economics (BMW)
Role: Substantial contribution in acquisition, lead in conduct

PROFESSIONAL SERVICE

Co-Chairing of Conferences

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| 2018/2019 | Wirtschaftsinformatik-Konferenz (German Information System Conference), Track Co-Chair "ehealth & ageing society" |
| 2018 | ACM GROUP Conference on Supporting Group Work; Program Co-Chair ACM CHI Conference on Human Factors in Computing; Associate Chair for papers and notes |
| 2017 | ACM CHI Conference on Human Factors in Computing; Associate Chair for papers and notes |
| 2016 | ACM CHI Conference on Human Factors in Computing; Associate Chair for papers and notes ACM GROUP Conference on Supporting Group Work; Associate Chair for papers and notes |

Program committees

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| WI | Konferenz Wirtschaftsinformatik (German Information Systems Conf.) 2019 |
| ACM CHI | Conference on Human Factors in Computing, 2019, 2018, 2017, 2016 |
| ACM GROUP | Conference on Supporting Group Work, 2018, 2016, 2014 |
| ECSCW | European Conference on Computer Supported Cooperative Work, 2019, 2018, 2017, 2016 |
| COOP | International Conference on the Design of Cooperative Systems, 2014, 2016 |
| SIGCHI GenderIT | Conference Gender and IT, 2018, 2016, 2014 |
| Mensch und Computer | Humans and Computers Conference 2014 |

Reviewing

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| JCSCW | (Journal of Collaborative Computing and Work Practices), |
| ACM CSCW | (Conference on Computer-Supported Cooperative Work and Social Computing) |
| ACM CHI | (Conference on Human Factors in Computing) |
| SIGCHI Conference GenderIT | |
| ACM GROUP | (Conference on Supporting Group Work) |
| ECIS | (European Conference on Information Systems) |
| ICIS | (International Conference on Information Systems) |
| NordiCHI | (Nordic Conference on Human-Computer Interaction) |
| COOP | (International Conference on the Design of Cooperative Systems) |
| IJSKD | (International Journal of Sociotechnology and Knowledge Development), |
| Mensch und Computer conf. | |
| IxD&A | (Interaction Design and Architecture(s) Journal) |

MEMBERSHIPS

- Member of the COST Action Group CA16121 “Sharing Economy”
http://www.cost.eu/COST_Actions/ca/CA16121; <http://sharingandcaring.eu/>
- Research network GeNeSi – Interfaculty Network aiming at fostering interdisciplinary research in the health & ageing domain, University of Siegen
- Work group “Ageing and Technology”, German Association of Gerontology and Geriatrics (DGGG)
- Advisory Board of the International Institute for Sozio-Informatics (IISI), Bonn, Germany
- EUSSET – European Society for Socially Embedded Technologies
- ACM Association for Computing Machinery
- German Society for Informatics
- Bonn Society for Cultural Anthropology

TEACHING ACTIVITIES (SUMMARY INFORMATION)

> 20 bachelor and master lectures & seminars at University of Siegen in Usability and empirically-based design, neighborhood informatics, location-based systems, qualitative research methods, participatory design and creative methods, IT in home care, IT for the ageing society.

INVITED TALKS

Claudia Müller. 2017. „Lebensqualität“ – „durch Technik“ – „im Alter“: Möglichkeiten und Herausforderungen der Konzeptualisierung praxisbasierter und partizipativer IT-Gestaltung für die alternde Gesellschaft. Eingeladener Workshopbeitrag zur 1. Tagung des DGGG-Arbeitskreises „Alter und Technik“ verbunden mit der Abschlusstagung des ZAFH-AAL, Freiburg, 17.-18.11.2017. [Quality of life through technology in higher age. Opportunities and challenges of conceptualizing practice-based and participatory IT-design for the ageing society. Invited talk at the inaugural meeting of the working group „Age & Technology“ of the German Society for Gerontology and Geragogics]

Claudia Müller. 2017. “Praxisbasierte Technikentwicklung für die alternde Gesellschaft – Von der technischen Machbarkeit zur sozialen Innovation“, eingeladenes Symposiumsbeitrag zum 3. Zukunftskongress „Technik zum Menschen bringen“ des Bundesministeriums für Bildung und Forschung (BMBF). Titel des Symposiums: “Innovationsgrad versus Usability”. Juni 2017. <https://www.technik-zum-menschen-bringen.de/zukunftskongress> [Practice-based technology design for the ageing society – from technological feasibility to social innovations], invited talk and symposium discussion at Zukunftskongress BMBF, invited by Federal Ministry of Education and Research, Session: „Degree of innovation versus Usability“, June 2017]

Claudia Müller. 2017. “Praxisbasiertes Design für und mit älteren Personen“. Einladung zum Fachgespräch „Sozialraum Digital – ältere Menschen als Ko-Entwickler neuer Technik“ Juni 2017, Ludwigshafen, Deutschland; Eingeladen vom Bundesministerium für Familie Senioren Frauen und Jugend zum „Digitalgipfel“ 2017, organisiert vom Bundesministeriums für Wirtschaft und Energie (BMWi). [Expert round table on the digital social space – elderly persons as co-designers of new technologies], June 2017, Ludwigshafen, Germany; invited by the Federal Ministry of Family Affairs, and held at the „Digitalgipfel“ 2017], organized by the Federal Ministry of Economics <https://www.bmwi.de/Redaktion/DE/Artikel/Digitale-Welt/digital-gipfel.html>

Claudia Müller. 2015. „Partizipative Gestaltung neuer Medien zur Förderung der sozialen Gemeinschaft und Nachbarschaftshilfe in der alternden Gesellschaft“, Symposiumsvortrag: Gesundheit im ländlichen Raum – Integrierte Ansätze bei der Dorfentwicklung; Gemeinsames Symposium der Universität Siegen - Fakultät II - Department Architektur und der REGIONALE 2013 Südwestfalen – Denkraum „Zukunft Dorf“. Siegen, 29.11.2014 [Participatory design of new media for fostering community building and informal help in the

neighbourhood; Symposium „Health in rural areas – integrated approaches in the development of rural villages“, University of Siegen and REGIONALE 2013 Südwestfalen]

Claudia Müller. 2015. „Neue Informations-Technologien zur Unterstützung in der Pflege und Betreuung – zwischen technisch machbar und ethisch vertretbar“, Vortrag im Rahmen der Reihe „Gerontologisches Forum“ der LVR Klinik Bonn, Oktober 2015. [IT for supporting care – between technological feasibility and ethically justifiable, LVR Clinic for Psychiatry, Bonn, Germany]

Claudia Müller. 2014. „Bildungsarrangements in höheren Altersgruppen“ – „Fachgespräch Bildung – Eine Frage des Alters?“. Institut für Sozialarbeit und Sozialpädagogik e.V., Frankfurt am Main, Dezember 2014. [Educational arrangements in higher age – Talk presented at „Expert round table ‚Education – A question of age?‘“ Institute for social work and social paedagogics, Frankfurt, Germany]

OUTREACH (MEDIA)

2018: TV Dokumentation on ARTE and ZDF: „Vernetzt im Alter“; My project „Cognitive Village“ ist the head story. <https://www.arte.tv/de/videos/079474-061-A/re-gut-vernetzt-im-alter/>

2017: Westfalenpost „Die Senioren entwickeln das Internet weiter. Uni Siegen forscht an Technik von morgen: Anwendungen für Ältere. Zielgruppe spricht ein Wörtchen mit“. Artikel, 23.5.2017

2014: Kuratorium Deutsche Altershilfe (KDA). 2014. „Hilfe, Rat und Tat für Mieterinnen und Mieter - Entwicklung einer Nachbarschaftshilfe-Plattform“. Bericht über das laufende Projekt in der KDA-Zeitschrift.

2013: TV-Beitrag WDR: „Das "Ding" ist immer dabei“, Sendung "Lokalzeit aus Dortmund"

2010: TV-Beitrag ARD: „Handy-Ortung: Hilfe für Demenzkranke“

2010: TV-Beitrag 3SAT: „Online mit 80“, Sendung "Neues - das Computermagazin" vom 9.05.2010.

2009: Radiobeitrag WDR5: „PS-Ortung von Demenzkranken“, Sendung "Leonardo - Wissenschaft und mehr"