

Invited Speakers

Prof. Dr. Guido Möllering
Witten/Herdecke University

Prof. Dr. Andreas Kaminski
Technical University of Darmstadt

Prof. Dr. Bjørn K. Myskja
Norwegian University of Science and Technology

Prof. Dr. Philip J. Nickel
Eindhoven University of Technology

Prof. Dr. Enid Montague
University of Toronto

Prof. Dr. Sabine T. Köszegi
Grabler Reinhard Dipl.-Ing.
TU Wien

Prof. Dr. Andreas Hein
OFFIS/ University of Oldenburg

Dominic Seefeldt M. Sc.
Osnabrück University

Prof. Dr. Saskia Nagel
RWTH Aachen University

Dr. Paula Sweeney
University of Aberdeen

Conference Organizers

Prof. Dr. Gesa Lindemann
Max-Weber-Kolleg Erfurt

Hironori Matsuzaki M.A.
University of Oldenburg

The conference is planned within the framework of the research project “PIZ – Nursing Care Innovation Center” funded by the German Ministry for Education and Research (BMBF) under grant number 16SV7819K. The conference is open to anyone who is interested in the topics. We cordially invite you to attend!

Conference Venue

Hanse-Wissenschaftskolleg (HWK) – Institute for Advanced Study

Lehmkuhlenbusch 4, 27753 Delmenhorst, Germany

E-Mail: sekretariat@hanse-ias.de

Phone: +49 (0)4221 9160 100

URL: <https://hanse-ias.de/en/>

Registration

Please register using the registration form on the conference homepage (see also QR-code). It will be confirmed by us, your registration is binding and a prerequisite for participation. Please note that the number of participants will be limited to approx. 40 people. So, register as early as possible if you are interested in attending.

There will be no participation fees for the conference. This applies also to those who are not on the program but would like to attend the conference in-person.



Contact

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International Conference

Trusting in Care Technology or Reliance on Socio-technical Constellation?

February 15./16., 2024

Delmenhorst, Germany

<https://uol.de/ast/trustcaretech>



In recent years, there has been a thrust towards bringing robotic and AI technologies into the realm of healthcare, as a tool to respond to impending problems of the ageing society. In this context, aged care is seen as a prime testbed for piloting the practicability of assistance systems able to adapt and learn. Many research and development projects have promised to elaborate and implement assisting artifacts like robots that can provide solutions for independent living in old age and/or for reduction of burdens in nursing practice.

In this context, research on relational trust has received renewed interest. Trust building in technology-mediated interaction scenarios is increasingly understood as a key factor for making assisting artifacts a part of nursing care. Nevertheless, studies on this issue are confronted with complex conceptual and empirical challenges.

How can we (re-)conceptualize relational trust in connection with the digitalization in healthcare? Is there a fundamental difference between trust in the sense of 'reliance on technical functioning' and trust in human beings and/or socio-technical constellations? How should we understand the quadrature of trust (care receiver – caregiver – welfare technology – organization/institution) and assess its normative and social implications? What challenges will emerge for nursing practice if assisting artifacts are embedded in the symbolic space of aged care? How will the structure of care relationships be transformed in the course of technology-driven innovation of nursing practice? Can the trustworthiness of assistive care technologies be enhanced by engineering means, and if yes, what do these look like? Is there a need to broaden the scope of user-centered design approach?

The conference aims to explore these topics based on a multidisciplinary exchange and invite contributions from Sociological Trust Research, Nursing Research, Social Robotics, HCI/HRI, Philosophy of Technology, Applied Informatics & Robotics, and other relevant research areas.

Program

THURSDAY, FEBRUARY 15, 2024

- 9:00 **Welcoming remarks**
Gesa Lindemann
- 9:15 **Introduction into the subject matter**
Hironori Matsuzaki
- 10:00 **Towards a vulnerability-based perspective on trusting**
Guido Möllering
- 11:00 Coffee Break
- 11:15 **Plurality of forms of trust? The resolution of entangled theoretical contradictions and their significance for the care context**
Andreas Kaminski
- 12:15 Lunch
- 13:15 **Care technologies and trust: a Kantian account**
Bjørn K. Myskja
- 14:15 **Trust in medical technology: a positive account**
Philip J. Nickel
- 15:15 Coffee Break
- 15:30 **Constructing trust in sociotechnical health systems**
Enid Montague
- 16:30 **Poster Pitches**
- 16:45 **Poster Session** & Coffee Break
- 17:30 **Keynote Address**
Beyond algorithms: development of trustworthy AI for robotic care technologies
Sabine T. Köszegi, Grabler Reinhard
- 19:00 Banquet at the HWK

FRIDAY, FEBRUARY 16, 2024

- 9:00 **Panel Discussion**
Sabine T. Köszegi
Andreas Kaminski
Andreas Hein
Gesa Lindemann
- 10:30 Coffee Break
- 10:45 **Shortcuts or detours? Technologically mediated trust and the role of ethically relevant decisions in (professional) nursing**
Dominic Seefeldt
- 11:45 **Trusting relationships – towards one key to good care**
Saskia Nagel
- 12:45 Lunch
- 13:45 **Must trusting social robots involve deception?**
Paula Sweeney
- 15:00 **Closing Discussion & Farewell**