Digital Health Network News

UCPH Digital Health Network

Methods in Digital Health Research – How Do We Engage with the Field?

On November 14th, Department of Computer Science hosted our second network meeting exploring methods in digital health research. We wanted to collectively explore how digital health as an empirical phenomenon affords different research strategies. The network members presenting showcased very different methodological approaches, ranging from using your own embodied experience with digital health infrastructures (Klaus Høyer, IFSV) over digital methods to capture the inherent digital ontology of e.g., Google searches for stem cell treatments (Anders Grundvig, IFSV), to co-design (Mathias Møllebæk, CORS) and research-through-design (Naja Holten Møller, DIKU) in close interaction with end-users among regulators, healthcare workers, and patients.

Photos: Julie Kikkenborg

CALENDER

Symposium: Blurring the boundaries: Reflecting on artistic-led research on designing human-technology entanglements
December 11, 2024, 10:00-19:00
Online registration

MeST-talk: Ass. Prof. Benjamin Lipp
Chronic Interfacing
Living with Pain Through Technology
February 19, 2025, 2-3:30 PM
CSS, Room 5-0-22

infraHEALTH 2025: The 10th International Conference on Infrastructures in Healthcare
October 6-7, 2025, Université de Technologie de Troyes (UTT), France

PhD defence at Department of Communication: Sne Scott Hansen

On 8th of November, Sne Scott Hansen has defended her PhD thesis: *Wearable Communication: Exploring Communicative Agency with Wearable Digital Tracking Technologies for Personalized Decision-Support in People's Everyday Lives.*

Congratulations! Wishing you the best of luck in your new adventures in your post doc at Nuffield Department of Primary Health Sciences, Oxford University. Read more about Sne's post doc project on blood glucose tracking outside of the clinic here: https://www.carlsbergfondet.dk/en/what-we-have-funded/cf24-0486/

Call for papers: The 10th International Conference on Infrastructures in healthcare:
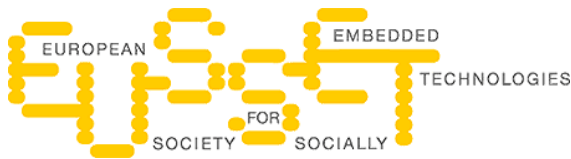*6 – 7 October 2025, Université de Technologie de Troyes (UTT), France*

infraHEALTH 2025 invites innovative contributions exploring the intersection of healthcare and digital transformation. The conference focuses on empirical, conceptual, and technical advancements in personal health data infrastructures, AI, IoT, and robotics in health service delivery. Topics include privacy, self-management, emergency support, integrated care, and responsible AI use. Engage in discussions on digital solutions for patients, caregivers, and professionals.

Read more about infraHEALTH 2025

infraHEALTH 2025 is supported by:

Call for Clinical Academic Group within Digital Health – opportunity to develop network with clinical environments and DTU:
Greater Copenhagen Health Science Partners is launching CALL 2025 for six new Clinical Academic Groups

The call consists of three thematic and three open calls. The three thematic calls are targeted at:

- Digital Home Solutions
- Prevention
- Multimorbidity

Funding: The successful applicants will receive 3 mio. DKK in funding consisting of 1.5 mio. DKK for research support i.e. a coordinator, symposiums and other relevant expenses and 3 x 500.000 DKK that must be used to fund part of a ph.d. or post.doc.

Save the date for a matchmaking event at the University of Copenhagen on January 27th, 2025 at 16.00-18.00.

Application deadline: March 31st 2025 at 23.59 CET.

For more information, please contact
Trine Middelbo, Sr. Executive Adviser, Greater Copenhagen Health Science Partners/Rigshospitalet
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MeST-talk: Ass. Prof. Benjamin Lipp
Chronic Interfacing: Living With Pain Through Technology
February 19, 2025, 2-3:30 PM, CSS, Room 5-0-22

What is the role of digital technology in chronic living? In the face of its promise to provide guidance, data feedback, and even relief anywhere at all times, works in STS, sociology, and anthropology have pointed out the situated and highly ambivalent role of digital health technology in the management of chronic illness. This scholarship usually organizes around two conceptual registers to account for this relationship: infrastructure and tinkering. While the former highlights how technology enables chronic living, the latter puts emphasis on the individual's agency to adapt technology to their needs. In this talk, I argue that there is a gap in these two strands of theorizing, namely to account for the ambivalent ways in which (a) care is being delegated to increasingly black-boxed and automated devices, and (b) how these medical devices become the focal point of care themselves. I propose the notion of chronic interfacing to understand how this complicates questions of subjectivity, temporality, and care in chronic illness management. I will develop and test this argument through an analysis of material collected during a diary study with people in the United States who use a semi-automated, wearable stimulation device to manage their pain.

Benjamin Lipp is Assistant Professor at the Technical University of Denmark (DTU). bmili@dtu.dk

Remote keynote by Ass. Prof. Sarah Frances Homewood: Designing with the Changing Body
Symposium: Blurring the boundaries: Reflecting on artistic-led research on designing human-technology entanglements
Wednesday 11 December 2024 10:00 - 19:00, University of Twente, the Netherlands
Hybrid event, open to everyone

Self-tracking technologies collect data from our bodies in order to help us understand, manage, and improve aspects of ourselves. Drawing on feminist and phenomenological theories on the body, her talk will present a range of prototypes she has designed to probe how societal norms around the changing body shape how we design self-tracking technologies. Rather than visualising physiological changes solely in relation to medical and clinical norms, these prototypes explore what happens when you frame the body as a constantly changing material to be designed with. She will discuss her research findings on how these probes has shown that our entangled relationships with technologies mean they reciprocally shape how we experience ourselves, others and the world around us through self-tracking.

Read more about the symposium and register here

New UCPH Publications on Digital Health

Article by Emilie Kjærulff, Henriette Langstrup, and colleagues concerning the efforts of people in online diabetes communities to negotiate what counts as legitimate knowledge:
'Online boundary-work': How people with diabetes negotiate what counts as legitimate knowledge in Facebook peer support groups

Aticle by Sne Scott Hansen and Henriette Langstrup on the maintenance and modification work of people with type 1 diabetes, who use peer-produced closed-loop devices to manage their disease:
"I spend more time on the ecosystem than on the disease": caring for the communicative loop with everyday ADM technology through maintenance and modification work

The article by Haase, C. B., Bearman, M., Brodersen, J. B., Risor, T., & Hoeyer, K examines how Danish general practitioners engage with and trust data for quality assurance, arguing for a shift from "data-driven" to "data-informed" health care practices:
Data driven or data informed? How general practitioners use data to evaluate their own and colleagues' clinical work in clusters

Henriette Langstrup and Klaus Hoeyer has contributed with a chapter to Elgar Encyclopedia of Science and Technology Studies:
"Digital health". In U. F., & A. I. (Eds.), *Elgar Encyclopedia of Science and Technology Studies* (1 ed., pp. 492–500). Edward Elgar Publishing. https://doi.org/10.4337/9781800377998.ch51

Commentary by Klaus Høyer and Sara Green which explores the expectations for standard-setting in the European Health Data Space (EHDS):
The right standard for the job? On the limits of standard setting as a tool for governing commercial actors

Aticle by Natalja Genina et al. on tailor-made doses of pharmaceuticals by tunable modular design:
Tailor-Made Doses of Pharmaceuticals by Tunable Modular Design: A Case Study on Tapering Antidepressant Medication

UCPH-DH News

We encourage you to stay engaged and active within the Digital Health Network and inform us of relevant upcoming events and publications.

Please visit our homepage – https://digitalhealth.ku.dk

Editor: Henriette Langstrup and Julie Kikkenborg – Including members of Digital Health Network. Questions about the newsletter, more detailed information, as well as submissions for the next issue of UCPH-DH news, should be made by contacting our mailbox: ucphdh@sund.ku.dk.