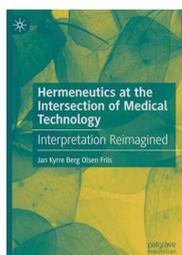# Digital Health Network News

Two new launches:

Launch of new interdisciplinary collaboration, between UCPH Computer Science and UCPH Nordic Studies and Linguistics: *Making Hybrid Senses*

Network member Damien Rudaz, a post doc at Nordic Studies and Linguistics, is participating in the new initiative *Making Hybrid Senses* project, which also brings together two principal investigators Brian L. Due and Barry Brown. Funded by the Villum Foundation, this project aims to create "hybrid senses." That is, rather than 'simulating sight' through technology, it combines sensory inputs with visually impaired persons' existing practices and abilities to foster new (hybrid) ways of perceiving, navigating, and acting upon one's environment.

The project adopts an ethnographic and research-through-design approach to exploring the ordinary expertise of visually impaired people. This dual approach aims to ensure that the prototyped assistive technologies offer meaningful solutions grounded in visually impaired users' practices and activities, rather than troublesome fixes relevant only to the researchers themselves.

In case of further interest: look here

New published book by Jan Kyrre Berg Olsen Friis: "Hermeneutics at the Intersection of Medical Technology"

The book was published in May, and it explores the crucial role of interpretation in medical radiology and beyond, emphasizing its pervasive influence on medical knowledge. Friis examines radiological analysis through hermeneutics, cognition, and visual perception studies. He argues that interpretation is inherently embodied and essential to human action, particularly in radiology, where technology extends vision beyond the human eye's limits.

More info: look here

CALENDAR

MeST Talk by Victor Vadmand
Topic: Moving Healthcare AI Ethics into Clinical Practice
Time: *26th of November at 12-1pm*
Location: *Room 5.0.22 at CSS*

DigiHealth Network Event:
Topic: What are we talking about, when we are talking about AI within digital health?
Time: *27th of November at 12:30-3pm*
Location: *Room 5.0.22 as CSS*

ECHOlab: Observatory for Human-Centred Engineering at DTU Management
Topic: Advancing the understanding of human-centred engineering problems
Time: *20th of October at 1-3 pm*
Location: *DTU Kongens Lyngby, Building: 208, Room: 065*
To see more/ sign up: look here

Conference: Quo Vadis Healthcare Sector? AI and Transformations of Expertise in Workplaces
Time*: 6th of November at 10am - 4pm*
Location: *SDU*
To see more/sign up: look here

Upcoming events

MeST talk by Victor Vadmand, *MSc of IT and PhD student, Aarhus University*
Moving Healthcare AI Ethics into Clinical Practice
Wednesday, 26th of November at 12:00-01:00 PM
Øster Farigmagsgade 5, 1352, København K - Building 5, Room 05.0.22

Abstract: Artificial intelligence (AI) systems are increasingly applied in healthcare yet also foster ethical concerns and questions. Despite the attention to these healthcare AI ethics, such questions have yet to be made practically useful for developers, policymakers, and clinicians.

In this presentation, I will explore how we can make healthcare AI ethics tangible and relevant for the clinical practices in which AI is used. With inspiration from medical anthropology, science and technology studies, and human-computer interaction, I will discuss what it takes to create ethically acceptable healthcare AI, not just theoretically but also practically.

Note: Please bring your own lunch

Latest news

UCPH Masters in Health Informatics: Graduation Ceremony at the Ceremonial Hall

Each year in September we celebrate new graduates of Health Informatics together with graduates from Public Health and the MA program in Health Science. Head of Studies of Health Informatics, Henriette Langstrup, wrote about the event:

"A new class of candidates in Health and Informatics was celebrated in the Ceremonial Hall at the University of Copenhagen last Friday, and I was once again fortunate to be allowed to speak to them. In my speech, I reminded them of a mantra I introduced them to in my introductory lecture 5 years ago: "Don't look ahead, look around." The program has now made them experts in "looking around," investigating user needs, mapping workflows, and understanding the complexity and unpredictability—technical, organizational, and health-related—of a digitalized healthcare sector. I also said that I hoped and believed that by "looking around," they had developed their human judgment, because in the end, it is that which enables us to act responsibly when addressing the major challenges, we face in healthcare and in the world in general."

Photos: Henriette Langstrup

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

If you haven't been featured on our website yet, please take a moment to complete the registration form available on the website or simply click here.

PhD course on Human-Computer Interaction (HCI) in Healthcare at UCPH

During this summer, Tariq Osman Andersen and Francisco Nunes, from the Fraunhofer Portugal research center co-hosted a PhD summer school, at DIKU. Along with 24 PhD students, from multiple fields, such as Computer Science, Design and Health Sciences, the topics covered included the methods and theories related to the methods, theories and contribution akin to research on HCI within health.

"We created the course partly to begin thinking about the uniqueness of research concerned with digital interaction in Health—fieldwork, design work, experimental work, and conceptual work that is dependent on close collaboration with Health researchers.

But also to see whether there is a basis for having an ongoing summer school where PhD fellows and established scholars can meet, share their work and exchange ideas on the topic." (Tariq Osman Andersen)

Photos: Tariq Osman Andersen

New project on Citizen-Facing Bidirectional AI for Emergency Triage

Member, associate professor from DIKU, Tariq Osman Andersen, among others have taken on a project, which investigates the long waiting times that put pressure on call takers and cause citizen frustration who increasingly turn to google and ChatGPT. To address this, the project prototypes a locally fine-tuned, retrieval-augmented large language model (LLM) embedded in Akutberedskabet's new self-service app.

The project aims to undertake a prospective evaluation, where citizens will be able to interact with the AI agent while waiting for a call taker, thereby exploring and evaluating the potential to reduce unnecessary calls and supporting more efficient triage. At the core of the project is research at the intersection of Natural Language Processing (NLP) and Human-Computer Interaction (HCI), exploring interactive techniques for two-way alignment: aligning AI to human values while ensuring citizens understand the capabilities and limitations of AI.

In case of further interest: look here

UCPH-DH News

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

Editor: Henriette Langstrup and Anna Wichmann-Hansen – 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

Recent case-study by Tina Westergaard Milbak, Natalie C. Benda and Naja Holten Møller, investigates how nurses utilise de-biasing practices:

A Relational View of Data Work: A Case Study on Nurses' De-biasing Practices" (2025).

"In the paper we conceptualize nurses' de-biasing in practice, by asking: What do nurses consider as relevant data to document as part of their work caring for patients, and how do they account for risks of bias?"

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New article by Emma Grundtvig Gram, John Brandt Brodersen and Alexandra Brandt Ryborg Jønsson looks into how radiologists manage their subjectivity and expertise:

The expert eye – Navigating ambiguity in clinical breast radiology

"We show how radiologists draw on a combination of knowledge, experience, sensory input, and emotional reasoning to navigate these ethical responsibilities. This interplay of emotions, ethics, and diagnostic skill constitutes a form of embodied expertise, which we term the "expert eye"."

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Journal article by Emma Grundtvig Gram, Ray Moynihan, Barnett S Kramer, Brooke Nickel examines endorsements and testimonials on SOME, by celebrities that may lack solid scientific backing:

False premises, false promises: celebrity endorsement of non-evidence-based anticancer interventions on social media

"In this paper, we showcase these trends [celebrity testimonials and endorsements lacking scientific knowledge], discuss the ethical considerations as well as implications for healthcare systems, and call for more effective scrutiny and enforcement of current regulation of celebrity testimonials and endorsements."

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New article by Brooke Nickel, Ray Moynihan, Emma Grundtvig Gram, et al. explores the risk of overdiagnosis, due to SOME posts on medical tests:

Social Media Posts About Medical Tests With Potential for Overdiagnosis

"The objective is to investigate how social media posts discuss 5 popular medical tests: full-body magnetic resonance imaging, the multicancer early detection test, and tests for antimullerian hormone, gut microbiome, and testosterone."

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New paper by Jonas Thorborg Stage and Henriette Langstrup investigates the uses of SAMBLIK, in an effort to gain "overview":

"All the data you need" – striving for "overview" in cross-sectoral chronic disease management

"In this paper, we explore the striving for 'overview' among healthcare professionals in cross-sectoral management of type 2 diabetes, with a digital data retrieval system called SAMBLIK. Based on ethnographical fieldwork and concepts of data work and data experience, we outline a diverse set of 'uses' of SAMBLIK that enact different 'overviews'."