

CSHI '2021 Overview

The Context Sensitive Health Informatics Conference 2021 is an informal online world conference offering Human and Organizational Factors and ethics experts from science and practice in healthcare and their students the opportunity to disseminate their research and their current work. The conference offers room for presenters of accepted papers for the CSHI conference proceedings and additionally provides the opportunity for experts to discuss relevant topics in Human and Organizational Factors and in ethics, such as the Covid-19 pandemic and its effect on healthcare innovation.

The conference will open up on the 15th of November on the online platform Topia where participants are able to view digital infographics of accepted papers to the conference and leave their comments for discussion. At the end of the day a meet and greet is organized for students within the field and the opportunity to discuss their current challenges within Medical Informatics and Human and Organizational research. On the 16th of November we will start with a keynote on Sustainable healthcare and challenges for Human and Organizational Factors researchers and practitioners. Thereafter, two blocks of café sessions are scheduled where presenters will pitch and discuss their research projects. The day will be concluded with the awards for the Context Sensitive Health Informatics Prizes 2021.

** Because participants of all over the world will not be able to attend sessions at the same time in CET, recorded sessions will be made available during the conference.*

Program

Monday Nov 15th

9.00 - 9.30 CET: **Start and opening of the online conference at Topia**

9.30 - 9.45 CET: **"Welcome to Context Sensitive Health**

Informatics!" - Welcome by Linda Peute and Romaric Marcilly, chairs of the *IMIA Human Factors Engineering for Healthcare Informatics* working group and the *HOFMI Working Group on Human and Organizational Factors of Medical Informatics*.

9.45 – 17:00 CET: '**Open online tours of the infographics of conference presenters**' opportunity to leave comments and discussion points with online tour guides.

17:00 – 18:00 CET: '**Meet and Greet**' for students and experts in the field

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Tuesday Nov 16th

9:00 - 9:15: 'Day Opening'

9:15 - 10:00 CET **Keynote: Sustainable eHealth – Implications of the future***

Today's challenge is to develop and implement solutions for organizing a more sustainable health care system and effectively mitigating the adverse health effects of global warming and pollution. Solutions that help to realize 'green' care in terms of lower carbon emission, circular work, reduced medicine pollution and healthy environments for both patients and professionals. Human and organizational research and practice may provide these solutions for this purpose but its potential to contribute to combatting global climate change needs attention. Marieke Sijm is the Lean program manager Healthcare at the academic medical center in Amsterdam and Assistant Professor in "Medical Informatics". Based on her background as a Master Black Belt Lean in Healthcare and research experience, she will provide a keynote on the foundations for lean and green healthcare.

10.00 - 12.00 CET: **Morning Café meetings and pitches**

Meet and Greet Researchers

Christian Nøhr, Linda Dusseljee-Peute, Romaric Marcilly

Topic and presenters present:

10:10 - Impact of electronic medication management on the physical location of work in a paediatric setting *by Bethany Van Dort, Melissa Baysari, Mirela Prgomet, Wu Yi Zheng, Magdalena Raban, Luciano Dalla-Pozza, Cheryl McCullagh and Johanna Westbrook*

10:20 - "Japan LIVE Dashboard" For COVID-19: a scalable solution to monitor real-time and regional-level epidemic case data *by Wei Su, Wei Fu, Kojuro Kato and Zoie Sy Wong*

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10:30 - Persuasion tactics in the implementation of large-scale EHR suites in public healthcare *by Gunnar Ellingsen, Bente Christensen and Morten Hertzum*

Short café break (10 min)

10:50 - Current mHealth use in Dutch dementia care: A guide to action! *By Thomas Engelsma, Ahsen Yurt, Monique Jaspers and Linda Peute*

11:00 - Capacity building in preparing the health workforce to deliver the digital future *by Sidsel Villumsen, Sascha Elsberg, Celine Løvgren, Karina Vinther, Lise Klarholt Busk, Sigrid Vest Arler and Ouafa Rian*

11:10 - Context-Sensitive Implementation of Clinical Pharmacy Missions Within an Academic Hospital *by Romaric Marcilly, Jeremie Colliaux, Chloé Rousselière, Bertrand Decaudin, Jean-Baptiste Beuscart and Sylvia Pelayo*

Café break

11:30 - How Demanding Is Healthcare Work? A Meta-Analytic Review of TLX Scores *by Morten Hertzum*

11:40 - Data work in health care: the case of Medical Secretaries *by Casper Knudsen and Pernille Scholdan Bertelsen*

11:50 - How socio-technical factors can undermine expectations of human-robot cooperation in hospitals *by Kristina Tornbjerg and Anne Marie Kanstrup*

14:00-14:50 Pitch and Debate Code of Conduct for and Human and Organizational Factors studies in health – The IMIA and EFMI Human Factors and Ethics program

16:00-18:00: Afternoon café sessions and pitches

Meet and Greet Researchers
Katie (Xinxin) Zhu, Peter Elkin, Craig Kuziemsky

Topic and presenters present:

16:10 - Student Academy: A Pilot Design Thinking Workshop to Teach Community Medicine *by Blake Lesselroth, Hannah Park, Helen Monkman, Shannon Ijams, Ryan Yarnall, Liz Kollaja, J. Lee Luetkemeyer and Syeachia Dennis*

16:20 - Opportunities to Improve COVID-19 Dashboard Designs for the Public *by Helen Monkman, Susan Z. Martin, Simon Minshall, Andre W. Kushniruk and Blake J.*

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Lesselroth

16:30 - Information Chaos: An Adapted Framework Describing Citizens' Experiences with Information During COVID-19 *by Helen Monkman, Andre W. Kushniruk, Avi Parush and Blake J. Lesselroth*

Short café break

16:50 - Aero-Sim: a User-Centred Testbed for the Evaluation of Devices as Protection from Droplets and/or aerosol contaminations *by Jessica Schiro, Alexandra Degorre, Tony Sanctorum, Thomas Paget, Julien Dejonckheere and Sylvia Pelayo*

17:00 - *Legal Matters: The Legal Context of Health Informatics in Global Pandemics* *by Bonnie Kaplan*

17:10 - Online investigations on optimizing the danish health portal sundhed.dk *by Nanna B. Nielsen, Chaimaa K. Sekkal and Sangavi Yoganathan*

Café break

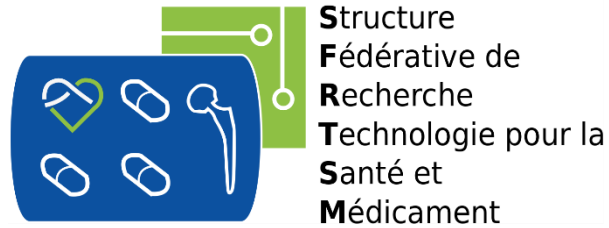
17:30 Evaluation of a medication robot through participatory design methods - A case study in Denmark *by Malene Møhring Thomsen, Sidsel Hardt and Stine Falgren Jensen*

17:40 Assessing the usability of a tumor dashboard for multidisciplinary care teams for first time users; first exploration of a comparative participatory cognitive walkthrough to show mismatches in cognitive models *by Emmanuelle ter Beek, Milan Kos, Mirte Streppel, Linda Dusseljee-Peute and Martijn van Oijen*

18.00-19.00 CET: **'Award ceremony CSHI 2021'** Awards will be presented at the online wine bar in Topia by prof. Peter Elkin of the Jacobs School of Medicine and Biomedical Sciences, University at Buffalo

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