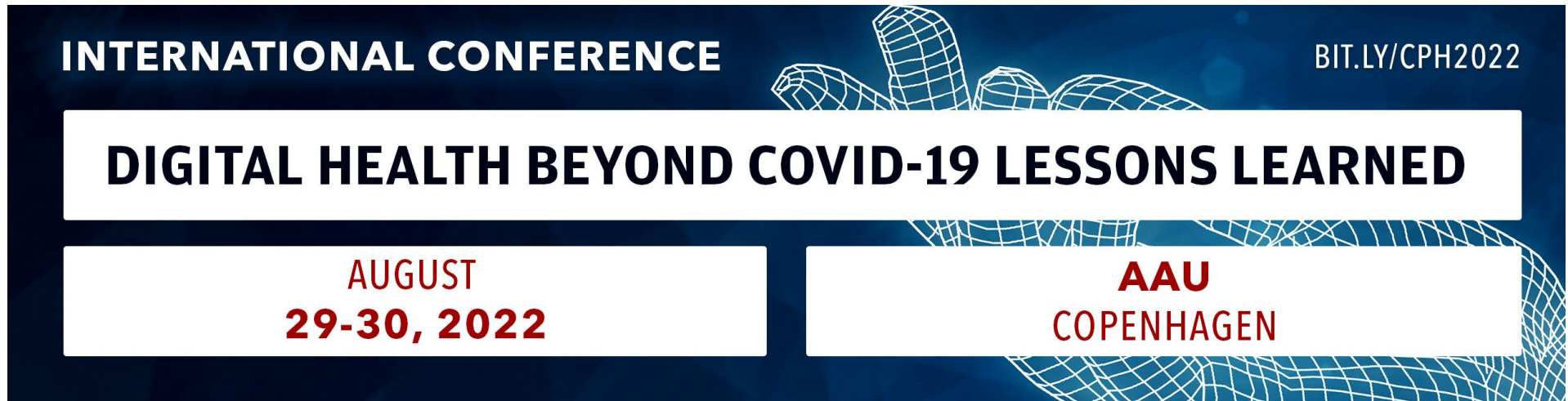




PROGRAM AT A GLANCE



INTERNATIONAL CONFERENCE BIT.LY/CPH2022

DIGITAL HEALTH BEYOND COVID-19 LESSONS LEARNED

AUGUST
29-30, 2022

AAU
COPENHAGEN

novo nordisk fonden

Thank you to the Novo Nordisk Foundation for supporting the conference

1.0 Background

In 2016, the Transatlantic Telehealth Research Network (TTRN) published a vision paper on digital health entitled “Personalized Telehealth in the Future: A Global Research Agenda”. The aim of the paper was to develop a strong evidence base of successful, innovative digital health solutions that could lead to scalable and sustainable digital health programs. The coronavirus outbreak was first reported towards the end of 2019 and was soon declared a pandemic by the World Health Organization. Due to the unprecedented COVID-19 pandemic, treating patients remotely is no longer a matter of convenience. Remote treatment has become imperative for digital health stakeholders, organizations, and providers. There is a vital need to understand and provide care in a safe and secure manner. For digital health to be effective, it needs to become a routinely used part of our health system. This requires change in management practices and a redesigning of existing models of care. Two key questions emerge: What have we learned so far about implementing new digital health technologies? And what lessons can be learned that we can use to improve digital health care? In this light, the TTRN are issuing this call for an international conference, to be held in collaboration with the International Society of Telemedicine & eHealth at Aalborg University, the conference to be held in Copenhagen, August 29-30, 2022. The Novo Nordisk Foundation is supporting the conference, enabling us to invite distinguished scholars to hold keynote speeches and to award grants to younger researchers to participate in the conference. Hope to see you at the conference.

Target group

The target group of the conference are younger and senior researchers within the fields of healthcare and health management, healthcare professionals, and managers within the healthcare system, including private firms working within digital health throughout the world.

2.0 Aims of conference

- To present and share experiences on research on implementation of the newest digital health technologies and services in the healthcare sector during the COVID-19 pandemic;
- To identify, communicate and compare lessons learned on digital health beyond COVID-19;
- To identify knowledge gaps and challenges for further research within digital health beyond the pandemic;
- To identify potential opportunities for exchange of knowledge and research collaboration in the field of digital health;
- To provide younger researchers within digital health the opportunity to present their work to a broad range of international scholars and colleagues.

3. Time and venue for conference

The conference will take place on August 29-30, 2022 at the Copenhagen campus of Aalborg University.

COVID-19

Form: Hybrid with mainly physical presentation and virtual presentations. The conference will follow the guidelines of the Danish Health Authorities with regard to COVID-19 and you can read about the rules here: <https://www.sst.dk/en/English>.

If the conference is cancelled due to COVID-19, all registered participants will receive a refund of their conference participation fee.

If presenters are not able to join the conference in Copenhagen due to COVID-19 or for any other reason, there will be an opportunity for prerecorded presentations.

4.0 Organization of conference

The conference has both an Organizing Committee and a Scientific Committee to assess submitted presentation. Professor Birthe Dinesen from Aalborg University (AAU) is head of the conference Organizing Committee. Members of the two committees are listed below.

Organizing committee

- Professor Kristian Kidholm, CIMT, Odense University Hospital, DK
- Director & Dr David Lindeman, CITRIS Health, UC Berkeley, USA
- Gale Berkowitz, Associate Director CITRIS Health, CITRIS, UC, Berkeley, CA, USA
- Frederic Lievens, International Society for Telemedicine & eHealth (ISfTeH), Brussels
- Professor Birthe Dinesen, Laboratory for Welfare Technologies – Digital Health & Rehabilitation, Sport Sciences -Performance and Technology, Department of Health Science and Technology, Aalborg University (AAU), DK (head and local convenor)

Scientific committee

- Professor Kristian Kidholm, CIMT, Odense University Hospital, DK
- Professor Lars Dittmann, Department of Photonics Engineering, Networks Technology and Service Platforms, Danish Technical University, DK
- Professor Heather Young, Betty Irene Moore Nursing school, UC Davis, CA, USA
- Nancy Albert, PhD, CCNS, CHFN, CCRN, NE-BC, FAHA, FCCM, FHFS, FAAN, Associate Chief Nursing Officer, Office of Nursing Research and Innovation, Cleveland Clinic Health System and Adjunct Professor AAU
- Gale Berkowitz, Associate Director CITRIS Health, CITRIS, UC, Berkeley, CA, USA
- Professor Birthe Dinesen, Laboratory for Welfare Technologies – Digital Health & Rehabilitation, Sport Sciences -Performance and Technology, Department of Health Science and Technology, AAU, DK

5. Call for abstracts and poster presentations

You are invited to submit an abstract for presenting either a paper or a poster at the conference. See the call at this [link](#)

See the *Call for abstract and posters presentation*” (pdf-file) which explains the details of submitting an abstract or poster proposal. You will also find a template for the abstract here. **Abstracts has to be submitted to this email: lwt@hst.aau.dk**

6. Proceedings

All abstracts and posters will be published at [Journal of Medical Internet Research \(JMIR\)](#) and after the conference you will be able to get 20% in discount on submission of manuscripts for publication in JMIR.

7. Conference planning schedule

March 4, 2022

- Flyer on the conference and open for registration;
- Call for submission of abstracts for oral or poster presentations;
- Call for grants for younger researchers.

May 15 at 12 pm, 2022

- Deadline for submission of abstracts for oral or poster presentations;
- Deadline for applying for grants for younger researchers.

May 29, 2022

Notice of acceptance/rejection of abstracts for oral or poster presentations and for grants for younger researchers

June 6, 2022

Final version of abstracts for oral or poster presentations to be submitted to the e-mail: lwt@hst.aau.dk

August 8, 2022

Registration closes.

8. Grants for younger researchers

There is possibility for younger researchers (under age 40) to apply for grants of DKK 4000 (600 USD/ 538 Euro) to cover travel expenses, accommodation, and conference fees. Ten grants will be awarded. Applicants for the travel grant should submit a motivation letter, CV and publication list. The application should be submitted before **May 1 at 12 pm, 2022** to Professor Birthe Dinesen at bid@hst.aau.dk

9. Find your way around Aalborg University (Copenhagen Campus)

With the AAU Map app, you can easily find your way to seminar rooms, work spaces, canteens, libraries and other relevant locations at Aalborg University, Copenhagen Campus. The app makes it easy to navigate around AAU - simply use the search function and let the app guide you to an address or a specific room.

How does AAU map work?

AAU Map resembles other navigation apps via GPS. You can search for addresses or specific room numbers at AAU, and once you have entered a location, the route is shown on a map that guides you from your current position to your desired destination.

Download the AAU map app at the Apple App Store or Google Play. Read more here: <https://www.en.its.aau.dk/app/aau-map/>

10. Evaluation of the conference

After the conference, all participants will receive an online questionnaire for their evaluation of the conference.

11. Hotels

The conference contains links to Copenhagen hotels with reduced rates see [link](#) Participants have to make reservations on their own.

There are also links to low budget hotels for students and younger researchers.

10. Registration

The conference participation fee in DKK 595 (88 \$/ 80 Euro), which covers two days participation, catering, a set of abstracts and receptions both days.

Registration for the conference opens **March 4, 2022** at this [link](#).

Registration closes **August 8, 2022**. For cancellation policy please see homepage.

If your abstract for a presentation or poster session has been accepted or if you have received a travel grant (for younger researchers), you must register for the conference before **August 8 2022** at this [link](#).

Cancellation and COVID-19

If the conference is cancelled due to COVID-19 restrictions your fee will be refunded.

PROGRAM

Venue: Building A, A.C. Meyers Vænge 15, Aalborg University, Copenhagen

Monday, August 29, 2022

Venue: Room 1.008, Building A, A.C. Meyers Vænge 15, Aalborg University, Copenhagen

Chair: Birthe Dinesen, Laboratory for Welfare Technologies – Digital Health & Rehabilitation, Sport Sciences-Performance and Technology, Department of Health Science and Technology, Aalborg University (AAU)

8.00 *Registration, coffee & tea*

8.30 *Welcome* by Birthe Dinesen, Aalborg University

8.40 *Digital Health in the future*, opening remarks by Lars Hvilsted, Dean, The Faculty of Medicine, AAU, DK

8.50 Keynote 1: *Structurally embedding and implementing digital health into current health systems*, by Frederic Lievens, Vice Executive Director, International Society for Telemedicine & eHealth (ISfTeH).

9.05 *Is the Covid-19 pandemic a game changer for use of digital health*, by Egon Toft, Head of Research, Aalborg University Hospital, DK

9.15-9.30 Break

9.30 Tracks

<p>Track A: Co-designing with patients during the pandemic</p> <p>Chair: Helle Spindler, Associate Professor, Department of Psychology and Behavioral Sciences, Aarhus University, DK</p> <p>Venue: Room 1.001</p>	<p>Track B: Physical activity, digitalization and the pandemic</p> <p>Chair: Rogerio Pessoto Hirata, Associate Professor of Sport Sciences-Performance and Technology, Department of Health Science and Technology, AAU</p> <p>Venue: Room: 3.084A (3rd floor)</p>	<p>Track C: Data analytics and the pandemic</p> <p>Chair: Lars Dittman, Professor, Department of Photonics Engineering, Danish Technical University, DK</p> <p>Venue: Room: 3.084B (3rd floor)</p>
<p>9.35 <i>Involvement of patients in development of digital care during the COVID-19 pandemic</i>, by Jane Clemensen, Professor, HC Andersen's Children's Hospital, Odense University Hospital, DK</p> <p>9.50 XXX</p> <p>10.05 <i>Integrating psychosocial aspects in digital solution</i> by Helle Spindler</p> <p>10.20 Discussion</p> <p>10.50 End of session</p>	<p>9.35 <i>Combination of online and in-person training reduced fall accidents in older adults during COVID-19 pandemic</i>, by Rogerio Pessoto Hirata</p> <p>9.50 XXX</p> <p>10.05 XXX</p> <p>10.20 Discussion</p> <p>10.50 End of session</p>	<p>9.35 XXX</p> <p>9.50 XXX</p> <p>10.05 XXX</p> <p>10.20 Discussion</p> <p>10.50 End of session</p>

Venue: Room 1.008, Building A

11.00 Keynote 2: *Promoting healthy aging in a digital world*, by Thomas Nesbitt, Emeritus Associate Vice Chancellor for Strategic Technologies and Alliances, Founding Director, Center for Health and Technology, UC Davis Health

&

Heather Young, Professor, Dean Emerita and National Director for the Betty Irene Moore Fellowship Program for Nurse Leaders and Innovators, University of California, Davis Health, CA, USA

11.45 Keynote 3: *Digital health for vulnerable populations: From co-design to scaling and replication*, by Gale Berkowitz, Associate Director CITRIS Health, CITRIS, University of California, Berkeley, CA, USA

12.00-12.45 Lunch & networking

Attend either the poster session or the roundtable discussion

12.45 Poster sessions. Venue: Rotunden

Chair: Kristian Kidholm, Professor and Head of Innovation, Center for Innovative Technologies (CIMT), Odense University Hospital, DK

Posters will be available in paper form at the conference. Each presenter will have three minutes for presentation and two minutes for Q & A. There will be 10 poster presentations.

12.45 Roundtable: *Data, Security and Digital Citizen Beyond Covid-19*

Venue : Room 1.001

Chair : David Lindeman, Director CITRIS Health, UC Berkeley, CA, USA

Panelists : Nancy M. Albert Associate Chief Nursing Officer-Research and Innovation, Cleveland Clinic, USA

Lars Dittman, Professor, Department of Photonics Engineering, Danish Technical University, DK

Claus Rehfeld, Director Nordic Healthcare Group, Copenhagen, DK

Charlotte Bagger Tranberg, Partner, Bech-Bruun Law Offices, Copenhagen, DK

More to be invited

Venue: Room 1.008, Building A

13.45 Keynote 4: *Telenursing and telemonitoring during and beyond the COVID-19 pandemic*, by Tomoko Kamei, Professor, St. Luke's International University Graduate School of Nursing Science, Tokyo, Japan

14.00-14.20 Break

14.20 Tracks

<p>Track D: The internet and the pandemic</p> <p>Chair: Frederic Lievens, Vice Executive Director, International Society for Telemedicine & eHealth</p> <p>Venue: Room 1.001</p>	<p>Track E: Digital Patient education – what are the benefits and challenges?</p> <p>Chair: Nancy Albert, Associate Chief Nursing Officer, Office of Nursing Research and Innovation, Cleveland Clinic Health System and Clinical Nurse Specialist, Kaufman Center for Heart Failure, Cleveland Clinic, and Adjunct Professor Aalborg University</p> <p>Venue: Room: 3.084A (3rd floor)</p>	<p>Track F: Telerehabilitation</p> <p>Chair: David Lindeman, Director CITRIS, UC Berkeley</p> <p>Venue: Room: 3.084B (3rd floor)</p>
<p>14.20 <i>How did the Internet pass the COVID-19 test?</i> By Lars Dittman, Professor, Department of Photonics Engineering, Technical University of Denmark (DTU)</p> <p>14.35 XXX</p> <p>14.50 XXX</p> <p>15.05 Discussion</p> <p>15.35 End of session</p>	<p>14.20 XXX</p> <p>14.35 XXX</p> <p>14.50 XXX</p> <p>15.05 Discussion</p> <p>15.35 End of session</p>	<p>14.20 <i>Future Patient -telerehabilitation of patients with Heart Failure</i>, by Birthe Dinesen, Aalborg University</p> <p>14.35 XXX</p> <p>14.50 XXX</p> <p>15.05 Discussion</p> <p>15.35 End of session</p>

Venue: Room 1.008, Building A

15.40 Keynote 5: *Advancing distance health – innovations wanted*, by Nancy M. Albert, Associate Chief Nursing Officer-Research and Innovation, Cleveland Clinic, USA

15.55-17.00 Reception, networking, and celebration of “*10 years anniversary for TTRN*”

Tuesday, August 30, 2022

Venue: Room 1.008, Building A, A.C. Meyers Vænge 15, Aalborg University, Copenhagen

Chair: Birthe Dinesen, AAU

8.00 *Coffee and tea*

8.30 Keynote 6: *Telemedicine and remote rehabilitation for cardiac patients in the post COVID-19 era*, by Hiroyuk Daida, Professor, Dean, Faculty of Health Science, Jutendo University, Japan

8.45 Keynote 7: *Crisis as catalyst: Toward healthcare equity* by Shomit Ghose, Board member of FluoGuide A/S, Healthtech advisor at the BioInnovation Institute, Industry advisory board UC Berkeley Sutardja Center, Entrepreneur in residence at UC Riverside, and Adjunct Professor in Innovation and Entrepreneurship, University of San Francisco, CA, USA

9.00 Tracks

<p>Track G: AI and social robots</p> <p>Chair: Lilli Worre Høpner Jensen, Ph.D. student, Interdisciplinary Orthopedics, Aalborg University Hospital & Laboratory for Welfare Technologies – Digital Health & Rehabilitation, Sport Sciences-Performance and Technology, Department of Health Science and Technology, AAU</p> <p>Venue: Room 1.001</p>	<p>Track H: Digital Health in the home during the pandemic</p> <p>Chair: Jane Clemensen, Professor, HC Andersen’s Children’s Hospital, Odense University Hospital, DK</p> <p>Venue: Room: 3.084A (3rd floor)</p>	<p>Track I: Entrepreneurship and innovation: the pandemic as a game changer</p> <p>Chair: Jes Broeng, Professor & Director, DTU Entrepreneurship</p> <p>Venue: Room: 3.084B (3rd floor)</p>
<p>9.05 “Hi, Robot” - <i>social robots for elderly care</i>, by Birthe Dinesen, AAU, DK</p> <p>9.20 <i>Telehealth frontiers: social robots in developmental and behavioral pediatrics</i>” by Veronica Ahumada, Director of the Technology and Social</p>	<p>9.05 XXX</p> <p>9.20 XXX</p>	<p>9.05 <i>How can universities use surrogate entrepreneurs to foster more innovation and entrepreneurship?</i> by Argyro Nikiforou, Assistant Professor, DTU</p>

<p>Connectedness Lab, UC Davis & Assistant Professor, Department of Pediatrics, UC Davis, CA, USA</p> <p>9.35 XXX</p> <p>9.50 Discussion</p> <p>10.20 End of session</p>	<p>9.35 XXX</p> <p>9.50 Discussion</p> <p>10.20 End of session</p>	<p>9.20 Hospitals as Innovation Hubs, by Valeri Daussin, senior commercial project manager, Aalborg University Hospital, The North Denmark Region, DK</p> <p>9.35 XXX</p> <p>9.50 Discussion</p> <p>10.20 End of session</p>
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10.20 Break

Venue: Room 1.008, Building A

10.40 Keynote 8: *Global Digital health Innovation during COVID-19: Lessons from Lighthouse and ACTIVATE*, by David Lindeman, Director Health, CITRIS, University of California, Berkeley

10.55 Tele-palliation - a new way forward for palliative care? by Jarl Voss Andersen Sigaard, consultant, Ph.D. researcher, Hanne Aagaard Christensen, RN, Sanne Broch Skov, RN Palliative Team, Hospital South West Jutland, Esbjerg, DK

11.10 Keynote 9: *Experiences with digital health during COVID-19 in Denmark*, by Morten Elbæk Petersen, CEO Sundhed.dk and Q &A (10 minutes)

11.35-12.40 Lunch and networking

Make your choice after lunch and attend the poster session or the roundtable discussion, see below.

12.40 Poster sessions: Venue: Rotunden

Chair: Kristian Kidholm, Professor & Head of Innovation at Center Innovative Technologies (CIMT), Odense University Hospital, DK

Posters will be available as hard copy at the conference. Each poster presenter will have 3 minutes for presentation and 2 minutes for Q & A. There will be 10 poster presentations.

12.40 Round tabel: *The pandemic, digitalization and equality for health*

Venue : Room 1.001

Chair : Nancy M. Albert, Associate Chief Nursing Officer-Research and Innovation, Cleveland Clinic, USA and Adjunct Professor at AAU, DK

Panelists : Heather Young, Professor, Dean Emerita and National Director for the Betty Irene Moore Fellowship Program for Nurse Leaders and Innovators, University of California, Davis Health, CA, USA

Helle Spindler, Associate Professor, Department of Psychology and Behavioral Sciences, Aarhus University, DK

Gale Berkowitz, Associate Director CITRIS Health, CITRIS, University of California, Berkeley, CA, USA

Hiro Yuk Daida, Professor, Dean, Faculty of Health Science, Jutendo University, Japan

More to be invited

13.40-14.00 Break

Venue: Room 1.008, Building A

14.00 Keynote 10: *Challenges for Danish hospitals in the digital transformation - and how we handle them in practice?* Professor Kristian Kidholm, Head of Innovation at Center Innovative Technologies (CIMT), Odense University Hospital, DK

14.15 Keynote 11: *Patients and Healthcare 2050 - where are we heading?* by Birthe Dinesen, AAU

14.30 Closing discussion: *Digital health beyond COVID-19: What are the lessons learned? What are future research areas?* By David Lindeman, Kristian Kidholm and Birthe Dinesen

15.00 Reception and Networking

15.30 End of conference

Facts about the conference

Financial support for the conference has been provided by Novo Nordisk Foundation.

Details on program

Details of the conference call for papers, program, abstracts of oral presentations and grants for younger researchers can be found at the following [link](#).

Accommodation

There is no formal conference hotel. At this you will find recommendations for hotels for reduced prices at this [link](#). Participants are responsible for making their own accommodation arrangements.

Online presentations

Selected presentations might be online during the conference.

Q&A

For questions about the conference please contact:

- Research Assistant Emma Thunbo Hansen, AAU email: emmath@hst.aau.dk and mobile +45 22340055
- Professor Birthe Dinesen, AAU email: bid@hst.aau.dk and mobile +45 20515944