

# CONFERENCE PROGRAM

THURSDAY OCTOBER 7<sup>TH</sup> 2021

Venue: Oulu University, Kontinkangas Campus (Aapistie 5)

8.30 Registration opens

Session 1 – eHealth in a Lifecycle (Auditorium 101A – Plenary)

Chair: President, Principal lecturer Outi Ahonen, Finnish Society of Telemedicine and eHealth, Laurea University of Applied Sciences

9.30 Finnish Society of Telemedicine and eHealth opening words

*President Outi Ahonen*

*Finnish Society of Telemedicine and eHealth*

9.35 Oulu University Hospital opening words

*Medical Director Juha Korpelainen*

*Oulu University Hospital*

9.40 Greetings from the Ministry of Social Affairs and Health, Finland

*Minister Krista Kiuru*

*Ministry of Social Affairs and Health*

10.00 Ilkka Winblad honorary lecture: Interoperability in Health Information Systems

*Professor Bernd Blobel*

*Medical Faculty, Universität Regensburg, Germany*

10.30 Delivery of eHealth awards

10.45 Networking break, coffee, exhibition and posters

Exhibition  
Posters

- 11.05 Puheenjohtajan johdatus aiheeseen
- 11.10 eHealth-tutkimuksen monet näkökulmat  
*Professori Kaija Saranto  
Itä-Suomen yliopisto*
- 11.25 Digitaalisen terveyden ratkaisujen arviointi  
*Jari Haverinen, Erikoissuunnittelija, DI, TtM  
Kansallinen HTA-koordinaatioyksikkö FinCCHTA/Oulun Yliopisto*
- 11.40 Digihoitopolkujen vaikutukset potilaan hoitoon ja ammattilaisen toimintaan  
*Kehittämispäällikkö Pia Liljamo  
PPSHP*
- 11.55 Tutkimus-, kehitys- ja innovaatio toiminnan kumppanuusverkostot vauhdittamassa digitaalisen terveyden uudistumista  
*Johtaja, työelämäprof. Maritta Perälä-Heape  
CHT, Oulun yliopisto*
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- 12.10 5 min rapid scientific presentations  
O-1: Digi-HTA, Assessment process for digital healthcare services and products: information security and data protection in health technology - initial experiences  
O-2: Patient initiated symptom assessment with an electronic symptom checker. Study for clinical validation  
O-3: Ethical evaluation in digital health contexts: voting with the Saari triangle
- 12.25 Näytteilleasettajien puheenvuoro  
*Ninchat  
Medanets*
- 
- 12.35 Lunch

Exhibition
Posters
Session 2B

- 11.05 Chair's introduction to the topic
- 11.10 Future possibilities of Medical AI in disease detection and characterization  
*Professor Simo Saarakkala  
University of Oulu*
- 11.25 How AI will revolutionize usage of clinical information  
*Professor Janne Liisanantti  
Oulu University Hospital*
- 11.40 eCoaching in the management of chronic coronary syndromes  
*Associate Chief Physician Kari Kaikkonen  
Oulu University Hospital*
- 11.55 What are the benefits of future regional electronic health record systems for users  
*Chief physician Eila Erkkilä  
City of Oulu*
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- 12.10 5 min rapid scientific presentations  
O-4: Adapting ETSI SmartBAN to eHealth  
O-5: Cancer prediction using graph-based gene selection and explainable classifier  
O-6: Distributed network and service architecture for future digital healthcare
- 12.25 Presentations from exhibition  
*Duodecim  
BeeHealthy*
- 
- 12.35 Lunch

Exhibition
Posters
Session 2A

<b>13.50</b>	<b>Puheenjohtajan johdatus aiheeseen</b>			
<b>13.55</b>	<b>Innovointia alueiden yhteistyönä - Pohjois-Pohjanmaan soten yhteiskehittämismalli</b> <i>Innovaatiokoordinaattori Pauliina Hyrkäs</i> PPSHP			
<b>14.10</b>	<b>Testaustoiminta yritystoiminnan katalyyttina</b> <i>Testaustoiminnan päällikkö Timo Alaläykkölä</i> PPSHP			
<b>14.25</b>	<b>Case Buddy Healthcare: Hoitopolku OYS Testlabista Eurooppaan</b> <i>Toimitusjohtaja Jussi Määttä</i> Buddy healthcare Ltd			
<b>14.40</b>	<b>European Health Data Space, TEHDAS-hanke</b> <i>Tapani Piha</i> Sitra			
<b>14.55</b>	<b>5 min rapid scientific presentations</b> <b>O-7: Review on Data Processing and Analysis of Wearable-based eHealth Data</b> <b>O-8: A proof of concept for in-body implants for longevity and selfcare</b> <b>O-9: Usability of virtual reality (VR) in the care home context</b>			
<b>15.10</b>	<b>Näytteilleasettajien puheenvuoro</b> <i>NE Device SW</i> Prowellness			
<b>15.30</b>	<b>Networking break, coffee, exhibition and posters</b>			

<b>13.50</b>	<b>Chair’s introduction to the topic</b>			
<b>13.55</b>	<b>Competencies to developed eHealth services in multidisciplinary groups</b> <i>Principal lecturer Merja Männistö</i> OAMK			
<b>14.10</b>	<b>eHealth skills for Finnish physicians</b> <i>University lecturer Timo Tuovinen, MD</i> Faculty of Medicine, University of Oulu			
<b>14.25</b>	<b>Reality of Digital Care in students’ health care</b> <i>Chief Medical Officer in Digital affairs Aleksi Schrey</i> Finnish Student Health Service			
<b>14.40</b>	<b>Ethical aspects in digital health</b> <i>Lecturer Päivi Sanerma, PhD</i> HAMK			
<b>14.55</b>	<b>5 min rapid scientific presentations</b> <b>O-10: UUDO - Multidisciplinary competencies in developing digital Health competence and social care services, specialization education</b> <b>O-11: Health care professionals’ perspectives of digital health competence and competence development; qualitative descriptive study</b> <b>O-12: The Global Public Health - online Master’s joint programme</b>			
<b>15.10</b>	<b>Presentations from exhibition</b> <i>Medanets</i> Solita			
<b>15.30</b>	<b>Networking break, coffee, exhibition and posters</b>			

- 16.00 Puheenjohtajan johdatus aiheeseen
- 16.05 Asiakkaat osallisina sote-palveluissa sekä eHealth ratkaisujen käyttäjinä ja kehittäjinä  
*Osallisuusasiantuntija Liisa Jurmu  
Oulunkaaren kuntayhtymä*
- 16.20 Kaikki mukaan sähköisiin terveyspalveluihin käyttäjäkeskeisen suunnittelun avulla.  
*Sari Kujala  
Aalto Yliopisto/DigiIN*
- 16.35 Lapset ja nuoret digitaalisten palveluiden kehittämisen keskiössä  
*Design Director Anna-Maija Ohlsson  
Vincit*
- 16.50 Eettiset näkökulmat sosiaali- ja terveydenhuollon sähköisten palveluiden kehittämisessä kansalaislähtöisesti  
*Lehtori, projektipäällikkö Sari Sarlio-Sintola  
Laurea, Shapes*
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- 17.05 5 min rapid scientific presentations  
O-13: Health counseling chat service as a part of the online health counseling services  
O-14: Predictive “maintenance” of citizens with digital twins  
O-15: Engaging aging individuals in co-creation for care-related decision making
- 17.20 Näytteilleasettajan puheenvuoro  
*Nutri-Flow  
MediConsult (10 min)*

Exhibition  
Posters  
Session 4B

- 19.30 Illallinen  
*Hotelli Lasaretti*

- 16.00 Chair's introduction to the topic
- 16.05 STEPS 3.0 National health and social care information system monitoring  
*Tuulikki Vehko  
Finnish Institute of Health and Welfare*
- 16.20 Are physicians satisfied with their information systems  
*Peppiina Saastamoinen, MSc, PhD  
Research services, Finnish Medical Association*
- 16.35 How current ICT systems serve workflows in nursing?  
*Kaija Saranto & Maiju Kyytsönen  
University of Eastern Finland & Finnish institute of Health and Welfare*
- 16.50 User experiences of social welfare client information systems (CIS)  
*Doctoral candidate Susi Salovaara  
University of Lapland*
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- 17.05 5 min rapid scientific presentations  
O-16: Non-Kanta regional information exchange for public health care in Finland: a national survey  
O-17: Digital support for socially marginalized people: what works?  
O-18: Lower back pain detection using deep learning-based method
- 17.20 Presentations from exhibition  
*Duodecim  
InterSystems*

Exhibition  
Posters  
Session 4A

- 19.30 Dinner  
*Hotel Lasaretti*

## Site visits

**8.30 Bus transportation to site visits (when applied)***Note! Site visits have limited seats available.*

1. OYS TestLab and the Future Hospital (OYS2030) project office
2. OAMK Simlab
3. PrintoCent
4. Nokia Carage
5. Polar
6. Haltian
7. Topcon
8. Esko Systems
9. KOTAS centre

**10.30 Networking break, coffee and exhibition****Session 5A: Mitä uutta digitaalisuudesta ennaltaehkäisyyn ja kuntoutukseen? (Session in Finnish) (Auditorium 101A)**

Puheenjohtaja: Marja Äijö, TtT Gerontologian ja kuntoutuksen yliopettaja, Savonia

**11.00 Puheenjohtajan johdatus aiheeseen****11.05 Teknologiaan pohjautuva kuntoutus***Kuntoutusylilääkäri Kauko Pitkänen  
Vetrea-Neuron***11.20 Puettava teknologia pienten lasten synnynnäisten kehityshäiriöiden tunnistamisessa ja kuntouttamisessa***Post-doc tutkija Elina Ilen  
Aalto Yliopisto***11.35 Tieto ja prosessirakenteet aktiivisessa ja terveellisessä ikääntymisessä - kuvaus kaatumisten ehkäisystä***Professor Patrik Eklund  
Umeå University, Sweden***11.50 Teknologia tukemassa ikääntyneen toimintakykyä ja kotona asumista; oululaisten ikääntyneiden kokemuksia.***Palveluesimies Marjaana Teerikangas  
Kotona asumisen tuen keskus, Oulun kaupunki***12.05 5 min rapid scientific presentations****O-19: eHealth needs among rehabilitation in Northern Savonia****O-20: Designing and developing virtual escape game for vocational rehabilitation****O-21: The experience and effectiveness of counselling mobile/internet interventions for adults with chronic pain in health care: a mixed method systematic review****12.20 Näytteilleasettajan puheenvuoro***Heart2Save  
Intersystems***12.30 Lounas**Exhibition  
Posters  
Session 5B

- 11.00 Chair's introduction to the topic**
- 11.05 1177.se in Sweden**  
*Andreas Leifsson  
Inera*
- 11.17 The Role of the National Health Platform sundhed.dk during the COVID-19 Pandemic in Denmark - pushing the agenda towards developing digital solutions based on the users' needs**  
*Therese Kjellerup Thorstholm, User Consultant  
Sundhed, Denmark*
- 11.29 Helsenorge.no in Norway**  
*Ole Bryoen  
Norwegian Directorate of eHealth*
- 11.41 The Role of the National Citizen Health Portal during COVID-19**  
*Guðrún Auður Harðardóttir, National Project Manager  
National Centre for eHealth, Iceland*
- 11.53 My Kanta Pages in Finland**  
*Vesa Jormanainen, Chief Specialist  
Finnish Institute for Health and Welfare*
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- 12.05 5 min rapid scientific presentations**  
**O-22: Cross-national telemedical services in ENT (Poland, Kyrgystan, Kazakhstan)**  
**O-23: CATHCHAT: a telemedicine platform for paediatric interventional cardiac catheterization in Africa**  
**O-24: Maturity of health care testbeds - A survey from Nordic countries**
- 12.20 Presentations from exhibition**  
*Monidor  
Innokas Medical*
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- 12.30 Lunch**

Exhibition  
Posters  
Session 5A

- 14.00 Chair's introduction to the topic**
- 14.05 Development of Digital Health in Europe**  
*Policy Officer Konstantin Hyppönen, PhD  
European Reference Networks, Belgium*
- 14.30 Use of Digital health to mitigate the impacts of COVID-19 in the WHO European Region**  
*Regional Adviser Clayton Hamilton  
WHO Regional Office for Europe*
- 14.55 Digitalization as means of growth of health sector and of better health and wellbeing for individuals**  
*Sari Palojoki  
Ministry of Social Affairs and Health*
- 15.20 Closing words**  
*President Outi Ahonen  
FSTeH*

Exhibition  
Posters  
Session 5A

**Poster Exhibition:**

- P-1: Conflicts and trade-offs between biomedical ethics, care ethics, desiderate of ICT in health and core value clusters in cybersecurity  
P-2: The possibilities and meaning of new technologies in rehabilitation  
P-3: Preventive home visits for older people by utilizing gamification and mobile application as an evaluation tool  
P-4: Maintaining well-being skills using a hybrid model - Case people with or without cancer  
P-5: Teaching and test laboratory for medical imaging  
P-6: Digital Health Management of Chronic Diseases at Aged Population by Point-of-care Diagnostic Devices and Big-data platform  
P-7: Effect of a low-cost sustainable mHealth intervention to dissuade physical inactivity  
P-8: Finnish Nurses Digital Health and Social Services Strategy Promoting Nursing Informatics in Advance Practice Nursing  
P-9: Initial study on detection of blood clots in the leg using a portable device for telemedicine applications  
P-10: The digital workplace survey in occupational health services  
P-11: Data augmentation with noise estimation for COVID 19 detection  
P-12: The use and transfer of patient-generated health data to the hospital patient information system  
P-13: Computer vision to aid in the assessment of the patient's condition in the emergency department triage  
P-14: Systemic requirements for innovation in a Nordic preventive healthcare ecosystem

Updated 5th of October 2021