Welcome to participate the major international telemedicine and eHealth event in 2018!

Conference will cover themes from updating the knowledge about International and Nordic eHealth trends and solutions. The program is aimed at health care professionals and service providers as well as researchers in eHealth area. Conference offers unique meeting place and new information to physicians, nursing staff as well as to responsible persons for management, planning and education. Top quality international keynote lectures are accompanied by up-to-date scientific abstracts

Conference topics:
• Citizens as partners: Disrupting healthcare
• Cyber era in leadership and education
• Benchmarking nationwide eHealth communities
• Beating Cancer with the help of cyber community
• Tackling acute crisis in local and distant environments
• Collaborating innovations
• My solutions: eHealth around the world

As part of conference, eHealth2018 Game Jam organized by Games for Health Finland brings together healthcare professionals and game makers to create new ideas and ways to use eHealth technology and promote eHealth with gamification.

Conference will contribute 10 hours of theoretical training for Finnish physicians’ and dentists’ special competence for healthcare information technology. Conference is arranged in collaboration with The Finnish Society of Telemedicine and eHealth and The International Society for Telemedicine and eHealth.

5 min rapid scientific presentations

The conference includes high quality scientific presentations that show an overview of eHealth and mHealth development around the world. Scientific themes include e.g. national eHealth implementations, services for developing countries, personal health data utilization, on-line health services, machine learning, mobile applications, eLearning and decision support tools. In order to help scientists strive for brevity and clarity in their communications, the organizers offer a new compact style of presentation at this International Meeting called "5 Minute Rapid” presentations”.

Welcome to listen, discuss and innovate!

Arto Holopainen
President
Finnish Society of Telemedicine and eHealth

More information

Speakers
Päivi Metsäniemi
+358 45 633 8858
conference@telemedicine.fi

Posters
Pirkko Kouri
+358 44 785 6404
secretary@telemedicine.fi

Registration
https://holvi.com/shop/eHealth2018

Exhibition | Sponsors
Raino Saarela
+358 40 500 1337
rainoerik.saarela@gmail.com

General information
Arto Holopainen
+358 45 139 3996
president@telemedicine.fi

Conference info
www.telemedicine.fi/en

Follow us on Twitter
#eHealth2018
eHealth2018 Game Jam

Games for Health is a new, emerging field that promotes well-being, health and functional capacity. These games have desired health outcomes and are used to encourage citizens to take responsibility for their own self-care. There is a huge amount of applications, technology and games that can be used as such or tailored to inspire and motivate different user groups to achieve health benefits. Games for Health Finland and bringing together a unique combination of expertise, innovation and cross-cutting know-how for the benefit of people's well-being.

Gamification gives us clear goals, proper challenges, interaction and rules for engagement, motivation, participation and inspiration for better life management. Simply put, gamification is about applying certain game-design elements and game principles in a non-game context. It offers users to perform activity that is completely immersed in a feeling of energized focus and enjoyment. Gamification can also improve individual’s ability to comprehend digital content.

Health care sector should be seen as a living lab, a platform, where new, open, agile and user-friendly services are brought to life with a twist of gamification to engage the users. eHealth2018 Game Jam offers new prototypes and solutions for health promotion, disease prevention and sustainable healthcare systems.

eHealth2018 Game Jam is organized by Games for Health Finland and will be held as a part of eHealth2018 conference. Game Jam brings together healthcare professionals and game makers to create new ideas and ways to use eHealth technology and promote eHealth with gamification. Accept this challenge to create new solutions only in 28,5 hours.

In order to participate, you don’t need to be a professional game developer or licensed physician. All skills are needed from programming to drawing. Game jamming is a constant learning process for beginners and pros alike, so come and learn together with others!

5 min rapid scientific presentation during the eHealth2018 Game Jam

- Games for Health Finland: Achievements and experience points
  Tiina Arpola, M.Sc. (Tech.), Antti Kotimaa, PhD, Savonia University of Applied Sciences

Related workshop: New (gamified) applications for patient safety, Thursday 15th March 17:40-19:20

Game Jam contact
Tiina Arpola
+358 44 785 6450
tiina.arpola@savonia.fi

Registration
https://holvi.com/shop/eHealth2018

Game Jam information
www.tinyurl.com/motionsicknessjam
CONFERENCE INFORMATION

- Conference is arranged on-board cruising ship on board Viking M/S Mariella, Deck 8, Conference. Accommodation is arranged on board cruising ship in chosen cabin class.

- Viking Line operates from Katajanokka terminal, Helsinki, Finland (Address: Mastokatu 1, 00160 Helsinki, Finland).

- All passengers on board cruise ship, including children and persons of whom a passport or visa is not required, must be able to prove their identity and citizenship with a valid photo ID.

- A passenger is obligated to find out if a passport or visa is required based on his or her citizenship. We are pleased to offer letters of invitation to registered delegates who require them for Visa Applications. Invitation letters will be provided once registration and payment has been received in full. Please indicate the need for letter of invitation during registration process.

- Shipping company requires statutory personal information from all passengers (first name, last name, date of birth, gender, nationality). Please fill-in the personal information carefully during registration process. For more information about shipping company privacy policy: https://www.sales.vikingline.com/my-booking/good-to-know/privacy-policy/.

#eHealth2018 Cruise Route and Time Schedule

Helsinki 15.3.2018
- 11:00 Registration opens Katajanokka Terminal
- 12:30 Boarding ship
- 13:00 Program begins
- 17:30 Ship leaves

Stockholm 16.3.2018
- 10:00 Ship arrives Stadsgården Terminal
- 10:00 Site visits
- 14:00 Program continues
- 16:30 Ship leaves

Helsinki 17.3.2018
- 10:00 Ship arrives Katajanokka terminal

Note: All times are presented in local timezone
#eHealth2018 | 15.-17.3.2018
Health communities facing cyber transformation
The 23rd Finnish National Conference on Telemedicine and eHealth
The 23rd ISfTeH International Conference on Telemedicine and eHealth
Cruise on the Baltic Sea between the capital cities Helsinki, Finland and Stockholm, Sweden

CONFERENCE PROGRAM

**THURSDAY March 15th 2018 (Finnish time)**

**Venue:** M/S Viking Mariella, deck 8, conference

<table>
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<tr>
<th>Time</th>
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| 11.00 | Registration opens  
Ferry terminal at Katajanokka, Helsinki |
| 12.00 | Boarding |
| 13.00 | **Session 1 - Citizens as partners: Disrupting healthcare**  
(Auditorium AUB+AUS – Plenary)  
Chair President Arto Holopainen, Finnish Society of Telemedicine and eHealth  
**Finnish Society of Telemedicine and eHealth opening words**  
President Arto Holopainen  
Finnish Society of Telemedicine and eHealth |
| 13.10 | **International Society for Telemedicine and eHealth opening words**  
Vice-President Pirkko Kouri  
International Society for Telemedicine and eHealth |
| 13.20 | **National emphasis on citizen services**  
Minister of Family Affairs and Social Services Annika Saarikko  
Ministry of Social Affairs and Health, Finland |
| 13.35 | **Citizens as partners in European health**  
Head of Unit Tapani Piha  
Cross-Border Healthcare & eHealth, European Commission |
| 14.00 | **What does the citizen want from healthcare in the future?**  
Secretary General Tuija Brax  
Finnish Heart Association |
| 14.25 | **Delivery of Finnish national eHealth awards** |
| 14.40 | Networking break, lunch exhibition and posters |
| 15.10 | **Session 2A: Cyber era in leadership and education**  
(Auditorium AUB)  
Chair Vice-Executive Director Frederic Lievens, International Society for Telemedicine and eHealth  
**How data turned to insight and changed the business?**  
Director of Culture Hanno Nevanlinna  
Futurice |
| 15.25 | **Is there any role for a real-life physician in the future?**  
Director of Emergency Services Santeri Seppälä  
The South Savo Social and Health Care Authority, Finland |
| 15.40 | **Multidisciplinary digital Health education**  
Principal Lecturer Pirkko Kouri  
Savonia University of Applied Sciences, Finland |
| 15.55 | **Mutual Learning and Exchange of Health Informatics Experiences from around the world**  
Professor Sabine Koch  
Karolinska institute, Sweden |
| 16.10 | **Interpretive reflection in robotic surgery – can digital technologies enhance its learning?**  
Senior Researcher Laura Seppänen  
Finnish Institute of Occupational Health |
| 16.25 | **Presentations from exhibition** |
| 17.00 | Networking break, accommodation |
| 17.30 | **Ship Leaves Helsinki** |

We reserve the right to changes without prior notice
15.10 Telefittig in the National Network of Teleaudiology – chance and opportunity for constant care of CI patients in Krygyzstan
Ass. Prof. Dr. Piotr Henryk Skarżyński, Piotr Henryk1,2,3, M.D., Ph.D., M.Sc.; Maciej Ludwikowski1, M.Sc.; M.B.A.; Weronika Świerniak1, M.Sc.; Prof. Henryk Skarżyński1, M.D., Ph.D.; dr. h.c. multi
1World Hearing Center, Institute of Physiology and Pathology of Hearing, Warsaw/Kajetany, Poland; 2Heart Failure and Cardiac Rehabilitation Department, Medical University of Warsaw, Warsaw, Poland; 3Institute of Sensory Organs, Warsaw/Kajetany, Poland

15.17 Increasing Need for an eHealth Impact Framework for Africa
MBCHB, MMEdSci1,2,3, Maurice Mars, MBCHB, MD4, Richard Scott, PhD5,6, Author-Tom Jones, BA, FCCA, CPAFA
1University of KwaZulu-Natal; 2African Centre for eHealth Excellence; 3HISP-SA; 4NT Consulting – Global e-Health Inc.

15.24 Multidisciplinary Teleconsultation in Developing Countries
Ferani F.1, Erba F.2, Bartoli M.3
1Department of Radiodiagnostics, University La Sapienza, Rome, Italy; 2Department of Clinical Sciences, University of Tor Vergata, Rome, Italy; 3Department of Telemedicine, Hospital San Giovanni Addolorata, Rome, Italy.

15.31 Interprofessional Collaborative Urotelehealth Program in Rural Northeastern Ontario—Patients’ Perceptions
Abara E., Reid C., Abaré N., Lacrosse M., Thomas C., Wu B., Denton R.
Rural Hospitals in Northeastern Ontario-Hompegayne, Inguois Falls, Kh Lund Lake, Sensenbrenner; Division of Clinical Sciences, Northern Ontario School of Medicine, Sudbury-Thunder Bay, Ontario.

15.38 Deployment of National Kanta Services 2010–2017
Jormaannin VJ, MD MSc
National Institute for Health and Welfare (THL), Health and Social Care Systems, Social and Health Systems Research

15.45 Virtual hospital 2.0 – modelled cost assessment: Towards potential economic efficiency with digitalization and customer-responsive services
Sakki Väätäinen1,2, MSc, Erkki Soire1, MSc, Sirpa Arvonen1, MSc
1ESICOR Oy, Kuopio, Finland; 2Virtualsaatana 2.0 -paneel, Helsinki University Hospital

15.52 Multidisciplinary Digital Intervention for Youth and Children in Kuopio Public Oral Health Care – the ODA Pilot Project
Anni Paakkilä DDS1,2, Heidi Luukkanen, Dental Assistant3, Tuula Miitinen, Dental Hygienist4, Maija Rajamaa DDS5, Katarina Savolainen, M.Sc. Dental Hygienist6
1City of Kuopio Public Health Center; 2Kuopio University Hospital Teaching Clinic; 3University of Eastern Finland Institute of Dentistry; 4University of Eastern Finland Faculty of Health Sciences

15.59 Self-care and digital value services as part of comprehensive school aged children and their families’ welfare
Sanna Niinimäki, MSc, Maju Timi, Public Health Nurse, Arto Holopainen, MSc (Tech), Hanna-Mari Tammink, PhD, RN, Katrinna Karkuklinen, MHSc
City of Kuopio, Social and Health

16.06 Smart Digital Solutions for Future Ageing
Anthony Meader, PhD, Gary Morgan, MBA
Flinders Digital Health Research Centre, Centre of Nursing & Health Science, Flinders University, Adelaide, Australia

16.13 Effects of ubiquitous 360° patient counselling environment on cardiological patient’s health-related quality of life
Karolina Paakkilä-Paakkilä1, MSc, PhD student, Anja Henner2, PhD, Kirsi Koivunen1, PhD, Maria Kääriäinen2, Prof.
1Oulu University of Applied Sciences; 2University of Oulu

16.20 Special Interest Group Tel@ Amazonia: telehealth intervention for security food and nutrition of mothers and babies in the deep rainforest
Silvá 1, Angela Baptista MPH, PhDc; Monteiro2, Lucia Maria Costa MD, PhD Garzón3, Martha Inés Camargo MD; Santos4, Walleyde Osterlindia Magalhães MBA, Rodrigo5, Pedro Máximo de MD; Fihali, Ian Germaino; Benedett6, Katherine Mary Marcelino; Conna7, Esther Moura MD; Maia8, Rajamaa DDS
1Osvaldo Cruz Foundation, FIOCRUZ National Institute of Women’s, Fernandes Figueira Children’s and Adolescents’ Health, Telehealth Laboratory, Brazil; 2Osvaldo Cruz Foundation, National Institute of Women’s, Fernandes Figueira Children’s and Adolescents’ Health, Brazil; 3Health Ministry, Colombia; 4State University of Amazonas, Brazil; 5Nutrition and Children Dept., Health State Secretariat of Amazonas, Brazil

16.27 Mobile application – new telemedicine tools?
Ass. Prof. Dr. Piotr Henryk Skarżyński1,2,3, M.D., Ph.D., M.Sc.; Justyna Kutyba1, M.Sc.; Katarzyna Cywka1, M.Sc.; Beata Dziendziel1, M.Sc.; Weronika Świerniak1, M.Sc.; Anna Sztabnicka2, M.Sc.; Prof. Henryk Skarżyński1, M.D., Ph.D.; dr. h.c. multi
1World Hearing Center, Institute of Physiology and Pathology of Hearing, Warsaw/Kajetany, Poland; 2Heart Failure and Cardiac Rehabilitation Department, Medical University of Warsaw, Warsaw, Poland; 3Institute of Sensory Organs, Warsaw/Kajetany, Poland

16.34 Telehealth in India: Illustrations from Apollo Telehealth
K Ganapathy MD Ph.D, S Premnanand MBA, N. Lovakanth M.Sc & Vikram Thaploo MBA
Apollo Telehealth Services, India

16.41 Discussion

17.00 Networking break, accommodation

17.30 Ship Leaves Helsinki

We reserve the right to changes without prior notice

3.17.40  Presentations from exhibition

3.18.20  Citizen experiences of eHealth services
Reasearch Manager Hannale Hyppönen
National Institute for Health and Welfare, Finland

3.18.35  Fundamental change in Health professionals’ tools
Professor Jarmo Reponen
University of Oulu, Finland

3.18.50  Nordic Countries: how eHealth revolutionized Health policies
Professor Arild Faxwaag
University of Trondheim, Norway

3.19.10  Data and intelligence from eHRs for health care improvement and innovation: Where do countries stand?
Senior Economist and Policy Analyst Jillian Oderkirk
OECD Directorate for Employment, Labour and Social Affairs

3.17.40  MHealth Adoption Issues: Similarities and Differences between Patient and Health Personnel in the Developing world. A Systematic Review
Addiote-Delvoye Michael No-Addiote1,2, Richard E. Scott1,3, Maurice Mars1
1TeleHealth Department, University of KwaZulu-Natal, Durban, South Africa; 2Pentecost University College, Accra, Ghana; 3NT Consulting – Global e-Health Inc., Calgary, Alberta, Canada; University of Calgary, Calgary, Alberta, Canada

3.17.47  HABITualising mHealth
Maritin Vannfeldt1, PhD, Christian Redd2, PhD, Kevin Saric2, John O’Dwyer2, Mohan Karunanithi2, PhD
1Australian eHealth Research Centre (AEHRC); Commonwealth eHealth Standards and Industrial Research Organisation

3.17.54  Experiences of chat-doctor services in private sector
Timi Carpen1, MD, Päivi Metsänen1, MD, Sari Rihijärvi2, MD, PhD
1Suomen Terveyslaitos Oy, Helsinki, Finland

3.18.01  Leveraging Teletriage in an Urban Emergency Department to Improve Flow and Patient Experience
Joshi1,2, Anil Kumar Jha1, MD, BSc, MD, PhD, Jari Haverinen1, MD, PhD, Jari Haverinen1, MD, PhD
1Hospital Emergency Care, Oulu University hospital, Oulu, Finland; 2City of Kuopio, Living Lab project

3.18.08  Using Technologies to Improve the Flow of Communication in Emergency Care
Jari Haverinen1, MD, Pirjo Kangas2, PhD, Lasse Raatikainen1, MD, PhD1, Ila Dzavittsa1, MD, PhD, Jarmo Reponen1, MD (PhD)1,2, Minna Pikkarainen1, PhD1,2,3
1Research Unit of Medical Imaging, Physics and Technology (MIPT), University of Oulu; 2Medical Research Center Oulu, Oulu University Hospital and University of Oulu, Finland; 3Centre for pre-hospital emergency care, Oulu University hospital, Oulu, Finland; 4Oulu University Hospital, VTT, Technical Research Centre of Finland; 6Martti Anttisaari Institute, Oulu Business School, University of Oulu

3.19.15  Machine Learning Classification Can Identify Patients at Risk of Cardiovascular Risk in Diabetes (ACCORD) Trial
Kelvin Tsoi, PhD1,2
1Stanley Ho Big Data Decision Analytics Research Centre, The Chinese University of Hong Kong; 2Jockey Club School of Public Health and Primary Care, The Chinese University of Hong Kong

3.18.22  Lessons from the American healthcare data breach records
Niina Karinen1, MD, MSc, Jari Haverinen1, MD, Jarmo Reponen1, MD, PhD
1Medical Research Center Oulu, Oulu University Hospital and University of Oulu; 2Jari Haverinen1, MD, PhD

3.18.29  Agile methods in developing a modern search tool for the physicians’ clinical resource database
Jukkapekka Jousimaa1, MD, PhD, Juha Kautto1, MSc, (Tech), Juuso Landgren1, MBA
1University of Oulu, Finland

3.18.36  The availability and EMR integration of decision support systems in Finnish healthcare 2007-2017
Niina Karinen1, MD, MSc, Maartin Kangas1, PhD, Jari Haverinen1, MD, Päivi Hämäläinen1, MD, PhD, Jari Haverinen1, MD, PhD
1Research Unit of Medical Imaging, Physics and Technology (MIPT), University of Oulu; 2Medical Research Center Oulu, Oulu University Hospital and University of Oulu; 3National Institute for Health and Welfare

3.18.43  Courses on telemedicine technologies of continuous medical education at RUDN-University
V.L. Stolyar1, PhD, E.A. Lukianova2, PhD
1RUDN-University, Department of Medical Informatics and Telemedicine

3.18.50  Living Lab platforms in the City of Kuopio and Kuopio University Hospital
Metsävaara, Kristiranj, MD; Kaunisto, Mertta1, Mertta; Miettinen, MSc; Kelläkänne, Heikki; R, RN; Master of Social and Health Care; Kärämäinen, Pauliina; RN, BSc student; Holopainen, Arto1, MSc (Tech)
1Kuopio University Hospital. Living Lab project: “City of Kuopio. Living Lab project

3.18.57  Results from University Hospitals as Innovation Platforms -project – YSI Co-creation model and Oulu University Hospital Innovation Process
Paulinna Hyrka, BSc
Oulu University Hospital / Northern Ostrobothnia Hospital District

3.19.04  Isaacus pre-production project: child protection process and placement decision
Taru Hallinen1, MSc, Erkki Soi1, MSc, Arja Kekonen2, MSc, Johanna Kotima1, MSc, Minna Nykänen1, MSc, Yrjö Tirkkonen1, MSc, Markku Tervahautta2, MD, PhD
1ESIOR Oy, Kuopio, Finland; 2City of Kuopio, Kuopio, Finland; 3TODE Oy, Kuopio, Finland

3.19.11  Indian Telemedicine Program from Concept to completion - Towards National Adaption
Prof. Satyanarayana L.S. - B.E. Electrical and Mechanical Engineering; PG Electronics Telemedicine Unit, Surya, Indian Space Research Organization (ISRO), Telemedicine Society of India (TSI)

3.19.18  Reaching the unreached : An innovative eHealth initiative in Nepal
Anil Kumar Jha, MD, PhD
Department of Dermatology and Venereology, Nepal medical college teaching hospital

21.00  A la carte dinner, Viking Buffet, deck 7

We reserve the right to changes without prior notice.
**FRIDAY March 16th 2018 (Swedish time)**

**Session 4 - Site visits at Stockholm**
Chair: Raino Saarela, Finnish Society of Telemedicine and eHealth

10.00 **Bus transportation to site visits at Stockholm**
Ferry terminal. Note! Site visits have limited seats available.

Site Visit Group 1: Swedish eHealth Frontrunners
- **Swecare** - Developing global partnerships in health for Swedish companies
- **MedHelp** - Nordic Careoperator with smart solutions in eHealth
- **Visiba Care** - eHealth platform that allows healthcare providers to open their own digital practice anywhere anytime
- **Coala Life** - Solutions enabling daily monitoring and analysis of your heart
- **Psychologpartners** - applied psychology and contextual behavioral sciences in the Nordic countries
- **Nordic Health Living Lab**

Site Visit Group 2: Future Care of Patients with Chronical Diseases
- **RISE - Novel eHealth-solutions for the benefit of individuals and caregivers**
- **RISE - Hands-on demonstrations**
- **Cambio Healthcare** – innovative e-healthcare solutions
- **Sigma** - solutions for the healthcare of tomorrow

Site Visit Group 3: Primary Care Center & eHealth
- **Råsunda Primary Care Center** – eHealth in practise
- **Siemens Healthcare** - Digital EcoSystem and eHealth vision 2025

13.00 **Networking break, lunch and exhibition**

**Session 5A: Beating Cancer with the help of cyber community, (Auditorium AUB)**
Chair: Chief Physician Päivi Metsäniemi, Terveystalo, Finland

14.00 **Being a patient in a cyber community**
Executive Director Minna Anttonen
Association of Cancer Patients in Finland

14.20 **New era for cancer support services with eHealth?**
Director of Strategy and Foresight Satu Lipponen
Cancer Society of Finland

14.40 **Collaboration and crowdsourcing - how oncologists work today?**
Associated Annelie Liljegren
Karolinska Institutet, Sweden

15.00 **Probabilistic Patient Modeling for Therapeutic Decision Support in Oncology**
PhD Researcher Jan Gaebel
University Leipzig, Germany

15.20 **Discussion: it’s not the tools, it’s the process. How to succeed in implementing digital service**
Chief Physician, Medical Development Päivi Metsäniemi
Terveystalo Oy, Finland

16.00 **Networking break, coffee and refreshments**

**Session 5B: Tackling acute crisis in local and distant environments, (Auditorium AUS)**
Chair: Dr. Claudia Bartz, International Society for Telemedicine and eHealth, Telenursing

14.00 **How to tackle acute health problems in space medicine**
Head of the DLR-Fligh Medicine Clinic Claudia Stern
DLR-Institute of Aerospace Medicine, Germany

14.20 **New innovations in arranging emergency care and first visit**
Project Coordinator Marja Ylleheko
Northern Ostrobothnia Hospital District, Finland

14.40 **Maritime emergency response services on Gulf of Finland**
Lieutenant Janne Sarkala
Finnish Coast Guard, Gulf of Finland district Maritime Rescue Sub Center Helsinki

15.00 **Arctic conditions and acute health problems**
Chief Medical Officer Tom Silvast
Helsinki University Hospital, Finland

15.20 **Security of supply in the healthcare sector**
Special Advisor Riku Juhola
National Emergency Supply Agency, Finland

15.40 **Technological Innovations in Latvian Emergency Medical Service**
Chief Specialist Dita Heiberga
State Emergency Medical Service, Latvia

16.00 **Networking break, exhibition and posters**

16.30 Ship leaves Stockholm
<table>
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<tr>
<th>Time</th>
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<tr>
<td>16.30</td>
<td>Presentations from exhibition</td>
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<tr>
<td>17.00</td>
<td>European Living Labs&lt;br&gt;Director Tuija Hirvikoski&lt;br&gt;Laurea University of Applied Sciences, Finland</td>
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<tr>
<td>17.20</td>
<td>eHealth2018 Game Jam results</td>
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<tr>
<td>18.00</td>
<td>International Society for Telemedicine and eHealth&lt;br&gt;President Andy Fischer&lt;br&gt;International Society for Telemedicine and eHealth</td>
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<tr>
<td>18.10</td>
<td>Summary and closing words&lt;br&gt;President Arto Holopainen&lt;br&gt;Finnish Society of Telemedicine and eHealth</td>
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<td>18.30</td>
<td>General Assembly of the Finnish Society of Telemedicine and eHealth</td>
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<td>19.30</td>
<td>Buffet dinner&lt;br&gt;Viking Buffet, deck 7</td>
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**SATURDAY March 17th 2018 (Finnish time)**

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<td>10.00</td>
<td>Ship returns to Helsinki&lt;br&gt;Ferry terminal at Katajanokka, Helsinki</td>
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WORKSHOPS

Workshop: Testbed / Living Lab Open Forum

**Time:** Thursday 15.3.2018 14:40-16:40  
**Place:** Viking Line M/S Mariella, Conference deck/styrbord

Nordic Health Living Lab, NHLL, organizes a workshop Nordic Health Ecosystem onboard M/S Mariella on March, 15th. The workshop gathers existing home and health care testbeds and development environments under common cross-border umbrella in order to support private companies in improving and expanding their businesses. The aim is to identify similar networks and other players to team up and build a joint platform to present the services and enable companies to find and select suitable services for their needs.

NHLL joins eHealth communities, entrepreneurs, care givers and competence providers with a focus on building up an operational Nordic ecosystem.

We aim to make everyday care more individual, with no waiting times and at your terms. At your home. We aim to make systems, devices, care givers and studies to work at their best together. For you. By now, we have built up a ground for the Nordic healthcare ecosystem and a platform for innovators and flagships from Sweden and Finland. We welcome you to join us!

More information and registration to workshop: [https://nordichealthll.confetti.events/](https://nordichealthll.confetti.events/)

Contact:

Tiina Ferm  
+358 40 355 0140  
tiina.ferm@turkuamk.fi

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Workshop: New (gamified) applications for patient safety

**Time:** Thursday 15.3.2018 17:40-19:20  
**Place:** Games for Health Finland suite

10 facts on patient safety (Source World Health Organization). Patient safety is a serious global public health issue. There is a 1 in 1 000 000 chance of a traveller being harmed while in an aircraft. In comparison, there is a 1 in 300 chance of a patient being harmed during health care.

1. Patient safety is serious global public health issue  
2. One in 10 patients may be harmed while in hospital  
3. Hospital infections affect 14 out of every 100 patients admitted  
4. Unsafe injections decreased by 88% from 2000 to 2010  
5. Delivery of safe surgery requires teamwork and good communication  
6. About 20%-40% of all health spending is wasted due to poor-quality care  
7. A poor safety record for health care  
8. Patient and community engagement and empowerment are key  
9. Most people lack the access to appropriate medical devices  
10. Hospital partnerships can play a critical role

Come and see gamified prototypes to promote health and get new ideas to new patient safety solutions. During the conference there is a possibility also participate to eHealth2018 Game Jam. Try on new role in development and accept this challenge! You have possibility to hack the humanity challenging you to create technologies to address local and global issues. More information at [www.tinyurl.com/motionsicknessjam](http://www.tinyurl.com/motionsicknessjam).

This workshop is organized by Human Security Finland (HSF). A network of organisations focused on business and innovations for development, with core competencies in food, health and environmental security and ICT for development. Human Security Finland is driven by the premise that business partnerships are the key to sustainable development in crisis regions, fragile states and developing countries. The network consists of private companies, research, educational and nongovernmental organisations and financiers that together congregate competence to create holistic solutions with partners in target regions. Human Security Finland is the gateway to finding new partners, new products and solutions or testing new innovations.

More information:

Tiina Arpola  
+358 44 785 6450  
tiina.arpola@savonia.fi
POSTER ABSTRACTS

1. A project for implementation of information system for diagnosis of the burnout syndrome  
   PhD Stoyanova R et al, Department of Health Management and Health Economics, Faculty of Public Health, Medical University of Plovdiv, Bulgaria

2. A review of gamification in the improvement of oral health knowledge  
   PhD Mariño R et al, Melbourne Dental School, University of Melbourne, Australia

3. A structured review of factors for successful patient–provider mHealth project scale up in Africa  
   Addotey-Deleove M et al, TeleHealth Department, University of KwaZulu-Natal, Durban, South Africa

4. Client’s self evaluation as a basis of professional support  
   PhD Sakari Kainulainen et al, Diaconia University of Applied Sciences, Finland

5. Comparison of the frequency of positive hearing screening outcomes in school-age children from different countries in Africa – telemedicine model  
   Dr. Piotr Henryk Skarżyński et al, World Hearing Center, Institute of Physiology and Pathology of Hearing, Warsaw/Kajetany, Poland

6. Comprehensive approach to the National Network of Teleaudiology in Word Hearing Center in Kajetany, Poland  
   Dr. Piotr Henryk Skarżyński et al, World Hearing Center, Institute of Physiology and Pathology of Hearing, Warsaw/Kajetany, Poland

7. Consumer Perspectives and the Development of Standards for Telehealth Services  
   Dr Fisk M et al, Telehealth Quality Group (TQG), UK/Belgium/Slovenia

8. Culture of Experimentation in Promoting the Development and Introduction of Digital Social and Health Care Services  
   MSc Siţho Päivi et al, Karelia University of Applied Sciences, Finland

9. Developing an algorithm to detect falls in the Electronic Health record: a diagnostic accuracy study  
   MSc Barbara Schärer et al, Inselspital Bern University Hospital, Head office of Nursing, Medical-Technical and Medical-Therapeutic Ares, Nursing Development, Switzerland

10. Digital Care Plan Makes the Patients Health Goals Achievable  
    Service director Sanna Solala et al, Suomen Terveystalo Ltd, Finland

11. Digital testing platform enables agile social welfare and healthcare trials  
    MSc Alalääkkölä T et al, Northern-Ostrobothnia hospital district, Administration, Oulu, Finland

12. Evaluating eHealth interventions: Results and experiences from the pilot of an ICT-based self-management tool for Heart Failure patients in Norway  
    PhD Antypas K et al, Norwegian Center of E-health Research, Tromsø, Norway

13. Exploring the Multiple Uses of Video Conferencing in Child Psychiatry  
    MSc Kirsi Bykachev et al, Department of Nursing Science, University of Eastern Finland, Finland

14. Finnish special competence for healthcare information technology  
    PhD Jarmo Reponen et al, FinnTelmedicum, Research group for medical imaging, physics and technology, University of Oulu, Finland

15. Feasibility of a web-based, lifestyle intervention in patients with liver disease, cystic fibrosis, oesophageal cancer, or psychiatric disorders  
    Dipl. Sportwiss Pfirrmann D et al, Johannes Gutenberg University Mainz, Faculty of Social Science, Media and Sport, Germany

16. Improving nursing methods of work by using protocols in intensive care units.  
    Ass. Prof. V. Lalova et al, Department of “Nursing”, Faculty of Public Health, Medical University of Plovdiv, Bulgaria
17. India Tele Emergencies in the Himalayas: a 31 month study from Apollo Telehealth Services
Dr Ganapathy K, et al, Apollo Telehealth Services, India

18. IoT and violence against gay people in Brazil: time for action
MPH, PhSc Silva A et al, Oswaldo Cruz Foundation (FIOCRUZ), National Institute of Women's, Children's and Adolescents' Health Fernandes Figueira, Telehealth Laboratory; Brazil

19. Legal aspects of Cross Border Telemedicine between Morocco and the European Union
Prof Hassan Ghazal et al, University Mohammed Premier, Oujda/Nador, Morocco

20. Mhealth solutions for managing the Nigerian army medical corps (NAMC) patient inflow using computing edge technology
Ayotunde J et al, Headquarters Nigerian Army Medical Corps (HQ NAMC). Bonny Cantonment, V/L, Lagos 23401, Nigeria

21. National benchmarking of nursing-sensitive outcomes: initial steps in Finland
PhD Junttila K et al, Helsinki University Hospital, Finland

22. Necessary skills for professional communication between nurses and hospitalized geriatric patients
Ass. Prof. Paskaleva D et al, Department of "Nursing", Faculty of Public Health, Medical University of Plovdiv, Bulgaria

23. Practice Audit in Urology: The value of Electronic Health Records (EHR) Data- A Case Study
MB Abara E, Division of Clinical Sciences, Northern Ontario School of Medicine, Sudbury/Thunder Bay, Ontario, Canada, Richmond Hill Urology Practice & Prostate Institute, Richmond Hill Ontario, Canada

24. Reaching the unreached: An innovative eHealth initiative in Nepal
PhD Anil K Jha at al, Department of Dermatology, Nepal Medical College & Teaching Hospital, Attarkhel, Jorpati, Kathmandu, Nepal

25. SoteNavi – a training project of SMEs and associations - Digitalisation as one of the main cornerstones of the training
PhD Riitta-Liisa Lakanmaa, Turku University of Applied Sciences, Finland

26. The Nursing Informatics Certification
MNSc Outi Ahonen et al, Laurea University of Applied Science, Espoo, Finland

27. Telehealth Nursing Research – Literature Review 2017
PhD Bartz C, Telenursing Working Group International Society for Telemedicine and eHealth

28. Towards interactive patient counselling
PhD Anja Henner et al, Oulu University of Applied Sciences, Finland

29. Use of Data Cloud Services in Clinical Environment. Case: video-EEG
BBA Jukka Laaksonen et al, Laurea University of Applied Sciences, Finland

30. Using social robotic cat in dementia care: a case study
MHS (student) Anna-Liisa Arjama et al, University of Eastern Finland, Finland

31. Virtual Clinic for Oral Health Care (VIRSU)
PhD Kaarina Sirviö et al, Faculty of Health Care, Savonia University of Applied Sciences, Kuopio, Finland

32. Web-based education quality assessment system in medical higher schools (conceptual model)
Ass. Prof. Kristina Kilova K, Department of Medical Informatics, Biostatistics and E-learning, Faculty of Public Health, Medical University of Plovdiv, Bulgaria

33. Zero Mothers Die in Brazil: building bases for the pregnant E-patient at the National Institute of Women, Children and Adolescents Health Fernandes Figueira
MPH, PhSc Silva A et al, Oswaldo Cruz Foundation, National Institute of Women's, Children's and Adolescents' Health Fernandes Figueira, Telehealth Laboratory; Brazil

34. Telehealth Nursing Research – Literature Review 2017
Claudia C Bartz,. PhD, RN Telenursing Working Group International Society for Telemedicine and eHealth
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