



#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

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
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General information

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

Conference info

www.telemedicine.fi/en



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#eHealth2018

eHealth 2018 GAME JAM

15.-17.3



Finnish Society of Telemedicine and eHealth

Leverage from
the EU
2014-2020



European Union
European Regional
Development Fund

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

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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



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

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

11.00 Registration opens

Ferry terminal at Katajanokka, Helsinki

12.00 Boarding**Session 1 - Citizens as partners: Disrupting healthcare**

(Auditorium AUB+AUS – Plenary)

Chair President Arto Holopainen, Finnish Society of Telemedicine and eHealth

13.00 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**

Exhibition
eHealth2018 Game Jam

Session 2A: Cyber era in leadership and education

(Auditorium AUB)

Chair Vice-Executive Director Frederic Lievens, International Society for Telemedicine and eHealth

15.10 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**

Exhibition
eHealth2018 Game Jam
Workshop: Testbed / Living Lab Open Forum
Session 2B



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Session 2B: National and mobile eHealth (5 min Rapid Scientific Presentations)

(Auditorium AUS)

Chair Prof. K. Ganapathy, Apollo Telemedicine Networking Foundation, India

Co-Chair Faculty Member Claudia Bartz, College of Nursing, University of Wisconsin

15.10 Telefitting in the National Network of Teleaudiology – chance and opportunity for constant care of CI patients in Kyrgyzstan

Ass. Prof. Dr. Piotr Henryk Skarzyński Piotr Henryk^{1,2,3}, M.D., Ph.D., M.Sc.; Maciej Ludwikowski¹, M.Sc. MBA; Weronika Świerniak¹, M.Sc.; Prof. Henryk Skarzyński¹, 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, MMedSci^{1,2,3}, Maurice Mars, MBChB, MD¹, Richard Scott, PhD^{1,4}, Author/Tom Jones, BA, FCCA, CPFA²

¹University of KwaZulu-Natal; ²African Centre for eHealth Excellence; ³HISP-SA; ⁴NT Consulting – Global e-Health Inc.

15.24 Multidisciplinary Teleconsultation in Developing Countries

Ferrari F.¹, Erba F.², Bartolo 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., Abara N., Lacroix M., Thomas C., Wu B., Denton R.

Rural Hospitals in Northeastern Ontario-Hornepayne, Iroquois Falls, Kirkland Lake, Sensenbrenner; Division of Clinical Sciences, Northern Ontario School of Medicine, Sudbury/Thunder Bay, Ontario

15.38 Deployment of National Kanta Services 2010–2017

Jormanainen V.J, 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-benefit assessment: Towards potential economic efficiency with digitalization and customer-responsive services

Saku Väättäin¹, MSc, Erkki Soini¹, MSc, Sirpa Arvonen², MSc

¹ESIOR Oy, Kuopio, Finland; ²Virtuaalisairaala 2.0 -hanke, Helsinki University Hospital

15.52 Multidisciplinary Digital Intervention for Youth and Children in Kuopio Public Oral Health Care – the ODA Pilot Project

Anni Riepponen DDS^{1,2,3}, Heidi Liukkonen, Dental Assistant¹, Tuula Miettinen, Dental Hygienist¹, Maija Rajamaa DDS¹, Katriina Savolainen, M.Sc. Dental Hygienist^{1,4}

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, Majju Tirri, Public Health Nurse, Arto Holopainen, MSc (Tech), Hanna-Mari Tanninen, PhD, RN, Katriina Kankkunen, MHSc

City of Kuopio, Social and Health

16.06 Smart Digital Solutions for Future Ageing

Anthony Maeder, PhD, Gary Morgan, MBA

Flinders Digital Health Research Centre, College 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

Karoliina Paalimäki-Paakk¹, MSc, PhD student, Anja Henner¹, 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

Silva¹, Angélica Baptista MPH, PhSc; Monteiro², Lucia Maria Costa MD, PhD Garzón³, Martha Inés Camargo MD; Santos⁴, Waldeyde Oderilda Magalhães MBA; Rodrigues⁵ Pedro Máximo de MD; Filha⁶, Iané Germano; Benevides⁷, Katherine Mary Marcelino; Correa⁸, Esther Mourão MD

¹Oswaldo Cruz Foundation, (FIOCRUZ) National Institute of Women's, Fernandes Figueira Children's and Adolescents' Health, Telehealth Laboratory, Brazil;

²Oswaldo 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 Secretary of Amazonas, Brazil

16.27 Mobile application – new telemedicine tools?

Ass. Prof. Dr. Piotr Henryk Skarzyński^{1,2,3}, M.D., Ph.D., M.Sc.; Justyna Kutyba¹, M.Sc.; Katarzyna Cywka¹, M.Sc.; Beata Dziendziel¹, M.Sc.; Weronika Świerniak¹, M.Sc.; Anna Sztabnicka¹, M.Sc., Prof. Henryk Skarzyński¹, 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.Premnand 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

Workshop: Testbed / Living Lab Open Forum
eHealth2018 Game Jam
Exhibition
Session 2A



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Session 3A: Benchmarking nationwide eHealth communities, (Auditorium AUB)

Chair: Prof. Yunkap Kwankam, Executive Director, International Society for Telemedicine and eHealth

17.40 Presentations from exhibition

18.20 Citizen experiences of eHealth services

Research Manager Hannele Hyppönen
National Institute for Health and Welfare, Finland

18.35 Fundamental change in Health professionals' tools

Professor Jarmo Reponen
University of Oulu, Finland

18.50 Nordic Countries: how eHealth revolutionized Health policies

Professor Arild Faxvaag
University of Trondheim, Norway

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

Session 3B: My solutions: eHealth around the world (5 min Rapid Scientific Presentations), (Auditorium AUS)

Chair: Ass. Prof. Piotr Skarzynski, University of Warsaw

Co-chair Professor Anil Kumar Jha, Department of Dermatology and Venereology, Nepal medical college teaching hospital

17.40 MHealth Adoption Issues: Similarities and Differences between Patient and Health Personnel in the Developing world. A Systematic Review

Addotey-Delove Michael Nii-Addotey^{1,2}, Richard E. Scott^{1,3}, 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

17.47 HABBITualising mHealth

Marlien Vamfield¹, PhD, Christian Redd¹, PhD, Kevin Saric¹, John O'Dwyer¹, Mohan Karunanithi¹, PhD
¹Australian eHealth Research Centre (AEHRC), Commonwealth Scientific and Industrial Research Organisation

17.54 Experiences of chat-doctor services in private sector

Timo Carpen¹, MD, Päivi Metsäniemi¹, MD, Sari Riihijärvi¹, MD, PhD
¹Suomen Terveystalo Oy, Helsinki, Finland

18.01 Leveraging Telerriage in an Urban Emergency Department to Improve Flow and Patient Experience

Joshi¹, Aditi U. MD, MSc, Randolph¹, Frederick MD, MBA; Hollander¹, Judd E. MD; Sabonjian¹, Megan MBA; Sites¹, Frank D. MHA, BSN, RN; Ambrosini¹, Alexander.
¹Department of Emergency Medicine, Thomas Jefferson University Hospital

18.08 Using Technologies to Improve the Flow of Communication in Emergency Care

Jari Haverinen (MSc)¹, Maarit Kangas (PhD)^{1,2}, Lasse Raatinemi (MD, PhD)³, Iita Daavittila (MD, PhD)⁴, Jarmo Reponen (MD, PhD)^{1,2}, Minna Pikkarainen (PhD)^{1,5,6}
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; ⁵VTT, Technical Research Centre of Finland; ⁶Martti Ahtisaari Institute, Oulu Business School, University of Oulu

19.15 Machine Learning Classification Can Identify Patients at Risk of Cardiovascular Event on Action to Control Cardiovascular Risk in Diabetes (ACCORD) Trial

Kelvin Tsoi, PhD^{1,2}
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

18.22 Lessons from the American healthcare data breach records

Niina Keränen^{1,2}, MD, MSc, Jari Haverinen¹, MSc, Jarmo Reponen^{1,2}, 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

18.29 Agile methods in developing a modern search tool for the physicians' clinical resource database

Jukkapekka Jousimaa¹, MD, PhD, Juha Kautto¹, M.Sc. (Tech), Juuso Landgren¹, MBA
¹Duodecim Medical Publications Ltd.

18.36 The availability and EMR integration of decision support systems in Finnish healthcare 2007-2017

Niina Keränen^{1,2}, MD, MSc, Maarit Kangas^{1,2}, PhD, Jari Haverinen¹, MSc, Päivi Hämäläinen³, MD, PhD and Jarmo Reponen^{1,2}, 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

18.43 Courses on telemedicine technologies of continuous medical education at RUDN-University

V.L. Stolyar¹, PhD, E.A. Lukianova¹, PhD
¹RUDN-University, Department of Medical Informatics and Telemedicine

18.50 Living Lab platforms in the City of Kuopio and Kuopio University Hospital

Metsävainio, Kirsimarja¹, MD; Kaunisto, Merita¹, Midwife, MSc; Kekäläinen, Heljä, RN, Master of Social and Health Care; Kämäräinen, Pauliina², RN, BSc student; Holopainen, Arto², MSc (Tech)
¹Kuopio University Hospital, Living Lab project; ²City of Kuopio, Living Lab project

18.57 Results from University Hospitals as Innovation Platforms -project – YSI Co-creation model and Oulu University Hospital Innovation Process

Pauliina Hyrkäs, BSc
Oulu University Hospital / Northern Ostrobothnia Hospital District

19.04 Isaac pre-production project: child protection process and placement decision

Taru Hallinen¹, MSc, Erkki Soini¹, MSc, Arja Kekoni², MSc, Johanna Kotimaa², MSc, Minna Nykänen³, MSc, Jyrki Tirkkonen³, MSc, Markku Tervahauta², MD, PhD
¹ESiOR Oy, Kuopio, Finland; ²City of Kuopio, Kuopio, Finland; ³Istekki Oy, Kuopio, Finland

19.11 Indian Telemedicine Program from Concept to completion - Towards National Adaption

Prof. Satiyamarthy. L.S.; B.E. Electrical and Mechanical Engg, PG Electronics
Suquino, Indian Space Research organization (ISRO), Telemedicine Society of India (TSI)

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

Exhibition
eHealth2018 Game Jam
Workshop: Applications for patient safety
Session 3B

Exhibition
eHealth2018 Game Jam
Workshop: Applications for patient safety
Session 3A

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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
- [Psykologpartners](#) - 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*

Exhibition
eHealth2018 Game Jam
ISfTeH Board Meeting
Session 5B

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 Ylilehto
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 Silfvast
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 Heibergera
State Emergency Medical Service, Latvia*

Exhibition
eHealth2018 Game Jam
ISfTeH Board Meeting
Session 5B

16.00 Networking break, exhibition and posters**16.30 Ship leaves Stockholm**

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FRIDAY March 16th 2018 (Swedish time)**Session 6 - Collaborating innovations**

(Auditorium AUB+AUS – Plenary)

Chair: President Andy Fischer, International Society for Telemedicine and eHealth

16.30 Presentations from exhibition**17.00 European Living Labs**

Director Tuija Hirvikoski

Laurea University of Applied Sciences, Finland

17.20 eHealth2018 Game Jam results**18.00 International Society for Telemedicine and eHealth**

President Andy Fischer

International Society for Telemedicine and eHealth

18.10 Summary and closing words

President Arto Holopainen

Finnish Society of Telemedicine and eHealth

18.30 General Assembly of the Finnish Society of Telemedicine and eHealth**19.30 Buffet dinner**

Viking Buffet, deck 7

SATURDAY March 17th 2018 (Finnish time)**10.00 Ship returns to Helsinki**

Ferry terminal at Katajanokka, Helsinki

Exhibitors, Sponsors and Partners
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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/>

Contact:

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

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.

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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-Delove 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 Sihvo 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



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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/I, 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 et 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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