

Panel:

Opportunities and threats of MyData driven health services / interoperability from individual, professional and company perspective – status in Europe and US

Moderator:

Minna Pikkarainen, PhD, is a joint Connected Health professor of VTT Technical Research Centre of Finland and University of Oulu. Research professor is working as a program leader and as a collaborator between different units and departments in University of Oulu and VTT. Additionally the target of the new professor is to plan and build new innovative research as a collaboration with OuluHealth (<http://www.ouluhealth.fi/>) ecosystem players from both public and private sector. Currently Minna is focusing on her research in the human centered personal data management, business models and service co-creation in health care and wellness sectors.

Previously professor Pikkarainen has worked as a Principal Scientist at VTT creating several industrial-driven research projects and project preparations and collaborating closely with software companies across Europe. Minna's research has been published in 40+ journal and conference papers. During 2010-2012 Minna Pikkarainen has been working as a business developer in Institute Mines Telecom, Paris and EIT (European Innovation Technology) network in Helsinki. Her key focus areas as a business developer has been in healthcare organizations and digital cities. Before Minna's research has been focused on the areas of agile development, software / service innovation and variability management.

Panelists

Claus Duedal Pedersen is the CEO of the Innovation Section at the Centre for Innovative Medical Technology (CIMT - a joint research centre between OUH and the University of Southern Denmark) at OUH Odense University Hospital.

Claus Duedal Pedersen is in charge of development, testing and implementation of telemedicine and eHealth solutions in a wide range of areas within the hospital as well as working strategically with telehealth and telecare for the current OUH, the new OUH (2021) and the Region of Southern Denmark, RSD.

Over the last years, various telemedicine solutions have moved from pilots to daily practice. The solutions have primarily focused on improving the cooperation between the hospital, the primary care sector and the patients. Examples of solutions deployed are home-hospitalization of COPD patients; videoconference-based language interpretation and a shared care system for diabetic foot ulcer patients between homecare and hospital experts. Many of the solutions have been developed within EU-funded projects, and are currently being evaluated at large scale and in RCTs as part of the EU projects RENEWING HEALTH. Claus' work with eHealth in the hospital has led to OUH being an international frontrunner in clinical innovation and telemedicine, and has ensured HIMSS Stage 6 recognition for OUH. Claus was Project Manager of the MethoTelemed project that developed the MAST evaluation model for telemedicine solutions, which is now being employed across Europe as the common evaluation model for mature telehealth solutions to provide decision support to executives in the health sector and at EU level.

Mr Madis Tiik, Medical Doctor completed his studies at Tartu University with specialization in family medicine in 1999. In 2003 he earned diploma in Public Health in the Nordic School of Public Health. From 2001--2003 he studied IT management in Estonian Business School. Since 1998 Madis Tiik has been working as family doctor, during the last few years he has had his practice on the island of Vormsi. He uses modern telemedicine solutions to do most of his work there remotely. He was the chairman of The Estonian Society of Family doctors from 2001 to 2008. He was also one of the key persons developing new public service the Callcentre 1220 Family Doctor's advice line which is round--a--clock service of family doctors and nurses providing medical advice to citizens. He has been involved in eHealth projects in Estonia from the beginning of 2005 and from 2007 to 2011. He was a member of management board of Estonian eHealth Foundation where he formed a strong team of professionals around him. As medical doctor with strong knowledge in IT he provided professional expertise to ensure the new Estonian Electronic Health Record services being developed serve the best interests of medical staff and patients. In recent years he has also counseled several foreign e-health related institutions and has actively contributed to Estonian eHealth Foundation's work as the national e-health competence center. In September 2012 he started as senior advisor in Finnish Innovation Fund Sitra advising the self-care service development projects and about the integrations in eHealth.

Dr Fergal Mc Caffery is a Science Foundation Ireland (SFI) Principal Investigator. He is a Senior Lecturer in the Department of Computing and Mathematics, DkIT. He is Director of the Regulated Software Research Centre (RSRC) in Dundalk Institute of Technology and the Medical Device Software Engineering competency area leader in Lero. He has been awarded over €12 million in funding related to medical device software engineering, He has published over 190 peer-reviewed conference and journal papers and is on the editorial board/programme committee for a number of leading software engineering conferences and journals. Additionally, he represents Ireland at International medical device software standards meetings. Since 2008, Dr McCaffery and his research team within the RSRC have obtained international recognition in relation to medical device software. For example, over this past 2 years 4 new International

Standards/Technical reports have been published in relation to medical device software safety, medical device IT Networks and medical device cybersecurity and the RSRC have been the lead authors on all of them i.e. IEC/TR 80002-3, IEC/TR 80001-2-7, IEC/TR 80001-2-8, IEC/TR 80001-2-9.

Line Linstad is the Director of the Norwegian National Center for Research and Assessment in E-health. The center has a national mandate and an international mandate as WHO's Collaborating Center in Telemedicine. Ms Line Linstad has worked at the NST since 2002. She has a longstanding experience within telemedicine, mobile health, self-management tools and eHealth. Facilitating processes for financing, accomplishing and managing several research and development projects on national and international level has been her main responsibilities. Finding innovative approaches to healthcare provision by the use of ICT and implementing these. Ms Line Linstad has been on the Council of HIMSS Europe since 2015 and on the EHTEL Board of Directors from 2012 - 2015(<https://www.ehtel.eu/>). Before joining NST she worked as a Regional Health Planner in the Region of Northern Norway. She has also been involved in patient organizations both professionally and as a user representative in The Norwegian Federation of Organizations of Disabled People (FFO). She has a Master's Degree in Political Science from the University of Oslo. She is about to finish a Master of Management Degree at the BI Norwegian Business School in Oslo.

Dr. Maritta Perälä-Heape is Director at Centre for Health and Technology (CHT) Oulu, Finland (www.cht.oulu.fi). Her expertise areas are in R&D and innovation management, research to business, business development, RDI funding, innovation politics and international network building. She is promoting the RDI collaboration of founders from academia, industry and healthcare providers in the connected health theme. The Connected Health theme was launched at the opening of CHT in 2011. She has been very active in building strategic international networks to enhance RDI activities in personalized healthcare and participating to the development of global Connected Health ecosystems. She is a member of International Advisory panel of European Connected Health Alliance and the research strategy group of CWC Nippon (Medical ICT), Japan. She was actively involved in getting leadership in Future Health program (Innovative cities program INKA) to Oulu. She is leading a large national multi-disciplinary research program called "Digital Health Revolution", which main focus is "My Data" based health and wellness solutions to support individual's capability, involvement in health promotion and disease management. She is acting as an expert for the planning of the action program (Ministry of Social and Healthcare) aiming towards exploitation of personal data for future healthcare services. In addition, she is acting as an expert in My Data working group (ICT2015) of Ministry of Employment and Economy. Her expertise areas are RDI, research to business, business development, RDI funding, innovation politics and international network building. She has worked over 8 years for the Finnish funding agency for innovation and technology (TEKES) as a life science expert and also as research program manager- coordinating and preparing TEKES programs. Dr. Perälä-Heape worked also as a director of the Innovation and international business unit, heading TEKES team of 12 experts in Oulu. Before her employment in TEKES, she was a R&D and business development manager in a Finnish-based, American biotechnology company, Fibrogen Europe Ltd. She holds PhD in clinical biochemistry and her main research interests were focusing on the life science and biotechnology field.