

Welcome to the major international telemedicine and eHealth event in 2026!

Our Finnish Society of Telemedicine and eHealth organize the 31st of eHealth conference. This year 2026 we organize the conference together with The Finnish Society for Effectiveness in Social and Healthcare. The 2026 conference will cover themes related to effectiveness of eHealth and Welfare. The program is aimed at healthcare professionals, service providers and other professionals. The conference offers a unique meeting place for physicians, nursing staff and management, planning and education professionals. Top-quality international keynote presentations are accompanied by up-to-date scientific abstracts. We work closely with the University of Helsinki and Hospital District of Helsinki and Uusimaa. The conference will be held in University of Helsinki in very center of Helsinki. This year, the conference will take place between Thursday and Friday, 1.-2.10.2026.

Conference topics (Track in English):	Conference topics (Track in Finnish):
Opening ceremony	Avajaiset (englanniksi)
How to evaluate effectiveness of digital health and social services?	Vaikuttavuus tiedolla johtamisessa
Cybersecurity and Trust in Digital Healthcare and Social Welfare Services	Digihoidosta vaikuttavuutta ja kustannustehokkuutta
AI Assistants Transforming Healthcare and Social Services	Vaikuttavuus digitaalisilla hoitopoluilla
Advance Analytics and AI	Advance Analytics and AI (yhteinen)
Metaverse in Healthcare and Social Welfare Services	Etävastaanotto toiminta ammattilaisen ja asiakkaan näkökulmasta
Paradigm shift toward Planetary Health (joint session / yhteissessio)	

The conference will contribute 10 hours of theoretical training for Finnish physicians', dentists' and veterinarians' special competence for healthcare information technology. The application to accept 10 hours of theoretical training for Finnish medical and dental specialist qualification has also been submitted.

Welcome to listen, discuss and innovate!

Outi Ahonen
 President
 Finnish Society of Telemedicine and eHealth

Paulus Torkki
 President
 The Finnish Society for Effectiveness in Social and Healthcare

More information

Speakers

Paula Veikkolainen
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Exhibition | Sponsors

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Scientific Abstracts and Posters

Elina Laukka
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General information

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Registration (ordinary)

<https://www.telemedicine.fi/ehealth2026/>

Conference info

<https://www.telemedicine.fi/en/>

CONFERENCE INFORMATION

- The conference is arranged in University of Helsinki.
- University of Helsinki: Aleksanterinkatu 5, 00170 Helsinki, Finland.

CONFERENCE FEES

- All conference fees include the full program, workshops, conference materials, meals announced in the conference program, and Dinner in Helsinki. Accommodation is not part of the conference fee.

Conference fees

- **Early bird price** (valid until August 14, 2026):
 - For members of the Finnish Society for Effectiveness in Social and Healthcare & the Finnish Society of Telemedicine and e-Health: €420 (VAT 0%)
 - Non-members: €450 (VAT 0%)
- **Price 525 € (0% VAT)** starting from August 15, 2026

Undergraduate students 95€ (0% VAT)

- The undergraduate student fee includes the program, coffee service, and lunches, but not dinner

Exhibitor Package 850 € (VAT 0%)

- Includes:
 - Exhibition desk (2 x 2 m)
 - Catering during the conference (coffee and lunch)
 - Conference dinner
 - 5-minute presentation slot in the program
 - Visibility on the conference website and in the conference booklet
 - One full conference pass for a company representative

CONFERENCE PROGRAM

THURSDAY 1.10.2026 (Finnish time, Eastern Europe Time)

Venue: University of Helsinki.

9.00 Registration opens
University of Helsinki, Aleksanterinkatu 5

Session 1: The Opening Ceremony

Chair President Outi Ahonen, Finnish Society of Telemedicine and eHealth (FSTeH)

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| <p>10.00 Conference opening words
<i>Outi Ahonen, President, Finnish Society of Telemedicine and eHealth</i>
<i>Paulus Torkki, President, The Finnish Society for Effectiveness in Social and Healthcare</i></p> <p>10.20 The role of digitalisation in developing social and healthcare services
TBC</p> <p>10.35 Opening words from Finnish Ministry of Social Affairs and Health
TBC, Ministry of Social Affairs and Health, Finland</p> <p>10.50 Assessment of Case Pohjanmaa
<i>Mika Kortelainen, Professor of health Economics, University of Turku, Finland</i>
<i>Research Professor, Finnish Institute for Health and Welfare (THL)</i></p> <p>11.15 Delivery of Finnish national eHealth awards</p> | Exhibition |
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11.30 Lunch, Networking break, exhibition and posters

Session 2A: How to evaluate effectiveness of digital health and social services?

Chair TBC

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| <p>12.30 Value, effectiveness and impact – concepts in evaluation
<i>Paulus Torkki, Professor</i></p> <p>12.55 Effective and Sustainable Digital Social and Health Care: Value Creation as a Driver
<i>Kristian Kidholm, Professor, Head of research CIMT – Center of Innovative Medical Technology, University of Southern Denmark</i></p> <p>13.20 Scientific 5 min rapid presentations:
<i>Katariina Korniloff: Digital Rehabilitation as a Scalable Solution for Low Back Pain in Rwanda: An Exploratory Cost-Effectiveness Analysis</i>
<i>Elias Vaattovaara: The Economic Impact of AI-Based Fracture Detection in the Emergency Department</i>
<i>Elina Wärnhjelm: Real-time video visits in pediatric urgent care: A registry-based study of clinical presentations and outcomes</i>
<i>Kaisa Kangasmäki: Reducing Care Backlogs and Improving Access with Nurse-Assisted Remote Diagnostics: Experiences from a Finnish Public Healthcare Implementation</i></p> | Session 2A
Exhibition |
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13.40 Corporate presentations

13.50 Networking break, coffee

THURSDAY 1.10.2026 (Finnish time, Eastern Europe Time)
Session 2B: Vaikuttavuus tiedolla johtamisessa

Puheenjohtaja: Jarmo Reponen, Suomen telelääketieteen ja eHealth Seura (STeHS)

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| <p>12.30 Tietojohtaminen hyvinvointialueella
<i>Yrjänä Hynninen, Tiedolla johtamisen päällikkö, Länsi-Uudenmaan hyvinvointialue</i></p> <p>12.55 Vaikuttava tietojohtaminen
<i>Markku Eskola, Lääketieteellinen johtaja, Sydänsairaala</i></p> <p>13.20 Scientific 5 min rapid presentations:
<i>Jaakko Lähteenmäki: Using health and social care data to predict home care service initiation</i>
<i>Viet Nguyen: Trends and determinants of telemedicine use across healthcare sectors in Finnish primary care - A register study</i>
<i>Aino Nokelainen: The Pirha Information View – Multiple Data Sources, One Unified View for Social and Health Care Professionals</i>
<i>Morris Viitanen: Sex-specific Age Differences in the Use of Digital Occupational Health Services Among Public Sector Employees</i></p> <p>13.40
Corporate presentations</p> | Session 2B | Exhibition |
| <p>13.50 Networking break, coffee</p> | | |

Session 3A: Cybersecurity and Trust in Digital Healthcare and Social Welfare Services

Chair: TBC, Finnish Society of Telemedicine and eHealth (FSTeH)

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| <p>14.30 Cybersecurity Challenges in the Era of the European Health Data Space
<i>Evangelos Markatos, Professor, Computer Science Department, University of Crete</i></p> <p>14.50 Cybersecurity of everyday and disruptive technologies in healthcare
<i>Kimmo Halunen, Professor</i></p> <p>15.10 Scientific 5 min rapid presentations:
<i>Maiju Kyytsönen: Ethical Challenges in Data Protection and Information Security Among Licensed Practical Nurses Using Digital Tools in Finland</i>
<i>Anas Al Natsheh: Machine Learning–Based Mortality Risk Prediction in ICU Patients to Support Clinical Decision-Making</i>
<i>Maria Zisiopoulou: Fully digitalized, self-service screening for cardiovascular diseases: A case study and call to action from the Frankfurt University Hospital Heart Centre</i>
<i>Laura Heinonen: Towards More Proactive Client and Patient Safety Through the Reform of National Adverse Event and Patient Safety Incident Data Production</i></p> <p>15.30 Corporate presentations</p> | Session 3A | Exhibition |
| <p>15.45 Networking break, exhibition and posters</p> | | |

Session 3B: Digihoidosta vaikuttavuutta ja kustannustehokkuutta

Puheenjohtaja: Tomi Laitinen Suomen Telelääketieteen ja eHealth Seura (STeHS)

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| <p>14.30 Digitaalisten hoitomuotojen arviointi
<i>Jari Haverinen, Erikoissuunnittelija, Kansallinen HTA-koordinaatioyksikkö (FinCCHTA)</i></p> <p>14.50 Digitaalisten hoitojen käyttöönotto - Riskit ja mahdollisuudet, paneelikeskustelu
<i>Jenny Vuollet, Johtaja, DigiFinland, Jari Haverinen, Erikoissuunnittelija, FinCCHTA, Tuomas Mäkynen, Toimitusjohtaja, ORLA, Laura Alanko, Takeda Europe. Puheenjohtajana Tomi Laitinen</i></p> | Session 3B | Exhibition |
| <p>15.45 Networking break, exhibition and posters</p> | | |

Session 4A: AI assistants Transforming Healthcare and Social Services

Chair: Birgitta Tetri, Finnish Society of Telemedicine and eHealth (FSTeH)

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| <p>16.30 AI Summary Assistant for Child and Family Social Work
<i>Milla Sulunsiita, Project Planner, The Wellbeing Services County of Pirkanmaa, Finland</i></p> <p>16.50 UusiAika: Phased implementation of a telephone-based AI assistant for appointment rescheduling
<i>Aappo Keränen, Pohde, Finland</i></p> <p>17.10 AI Assistants as the New Health Workforce Layer?
<i>Robin Ohannessian, Founder & CEO, Vickino & President, Armenian Association of Digital Health, Armenia</i></p> <p>17.30 Scientific 5 min rapid presentations:
<i>Jarmo Pulkkinen: The Barrier Inversion: Why the Most Motivated Employees Cannot Adopt Generative AI in Public Health and Social Care</i>
<i>Marja Harjumaa: AI-Assisted Documentation in Social Care</i>
<i>Laura Heinonen: AI-assisted identification of Clavien-Dindo grades as part of structured adverse event reporting</i>
<i>Juhani Heikka & Antti Brunni: From Research to Production: Structural Bottlenecks and an Orchestration Model for Scaling AI in the Finnish Health and Social Care System</i></p> <p>17.50 Corporate presentations</p> | Session 4A | Exhibition |
| 19.30 Dinner and networking event | | |

Session 4B: Vaikuttavuus digitaalisilla palveluluilla

Puheenjohtaja: TBC

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| <p>16.30 Henkilökeskeinen tietomalli vaikuttavuuden arvioinnin pohjana
<i>Katja Antikainen, Tieto- ja vaikuttavuusjohtaja, OmaHäme</i></p> <p>16.50 Digi- ja etäpalvelut osana asiakkaan hoitoa ja palvelupolkua
<i>Nora Tarvus, Ylilääkäri, Pohjois-Karjalan hyvinvointialue</i></p> <p>17.10 Pitkäaikaissairauksien digihoitopolut
<i>Pauliina Nurmi, Ylilääkäri, Digipalvelut, Etelä-Savon hyvinvointialue</i></p> <p>17.30 Scientific 5 min rapid presentations:
<i>Johanna Leväsluoto: AI in integrated care pathways: From task level optimization to pathway level integration</i>
<i>Henna Harju: From Client Self-Assessments to Data-Driven Impact: Digital Wellbeing Indicators in Social Services</i>
<i>Arja Kobylin: A mixed method study on patient selection to urgent remote appointments in Medical Helpline setting</i>
<i>Vivi Mauno: Accumulated experience and healthcare personnel productivity in public digital clinics</i></p> <p>17.50 Corporate presentations</p> | Session 4A | Exhibition |
| 19.30 Dinner and networking event at Helsinki CityHall | | |

FRIDAY 2.10.2026 (Finnish time, Eastern Europe Time)
Session 5: Advance analytics and AI

Chair: Vesa Jormanainen, Finnish Society of Telemedicine and eHealth (FSTeH)

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| 9.30 | Using real-world data for personalized forecasts and shared decision making
<i>Philip van der Wees, Professor of Allied Health Sciences, Radboud University Medical Center</i> | Session 5 | Exhibition |
| 9.55 | Front-line deployed AI solutions in healthcare - where are we today?
<i>Oscar Boldt-Christmas, Co-founder, Tandem Health, Finland</i> | | |

10.20 Networking break, exhibition and posters
Session 6: Workshops

Chair: TBC, Finnish Society of Telemedicine and eHealth (FSTeH) and The Finnish Society for Effectiveness in Social and Healthcare

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| 10.45 | Below is the current lineup of this year's workshops, highlighting emerging technologies, evidence-generation, and practical implementation of effective digital health solutions. More information coming later! | Session 6 | Exhibition |
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Workshop 1
Minna Pikkarainen

Professor, OsloMet

Challenges and Benefits of Virtual Reality / Augmented Reality in Home Rehabilitation

Focus on VR/AR tools supporting remote care, rehabilitation pathways, and patient engagement.

Workshop 2
Silje Havrevold Henni

Senior researcher, PhD, MNSc, RN, University of Oslo

Building Interoperability Capacity for the European Health Data Space (EHDS)

The overall vision of XiA-project is to translate validated workforce needs into an operational, EHDS-aligned educational architecture. The workshop will: Present an overview of the educational content and training resources that XiA can offer. Discuss how we can jointly build interoperability capacity for the European Health Data Space among: IT developers, Implementers of EHDS components, Users of EHDS components. Your input will help us refine and prioritise the educational pathways needed to effectively realise the European Health Data Space.

Workshop 3
HUS
AI Competences and Industry Collaboration

Discussion on the skills needed for safe and effective AI deployment in healthcare - including opportunities for co-development with digital health companies.

Workshop 4
Otto Olavinén

Founder, Health Design

Impact Coordinator, Biodesign Finland / Aalto University

Transforming Clinical Needs into Innovative Solutions

A practical deep dive into human-centered design, clinical need identification, and pathways from problem to validated digital solution.

Workshop 5
Paulus Torkki

Vaikuttavuusseura ry

How Can the Effectiveness of Digital Services Be Evaluated?

Methods, metrics, and frameworks for assessing digital health effectiveness in real-world environments.

12.00 LUNCH Networking break, and exhibitions & poster session
Session 7A: Metaverse in Healthcare and Social Welfare Services

Chair: Elina Laukka Finnish Society for Telemedicine and eHealth (FSTeH)

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| 13.00 | Federated Infrastructure for digital twin applications in scientific virtual environments - Advancing eHealth and biomedical research
<i>Jayden Khakurel, Researcher, Pirjo Spuul, Senior Researcher</i> | Session 7A | Exhibition |
| 13.15 | Digital Twins and Data-Driven Health Technologies: New Opportunities for Personalized Monitoring and Decision Support in Neurological Disorders
<i>Parisa Gazerani, Professor</i> | | |
| 13.30 | Scientific 5 min rapid presentations: | | |

We reserve the right to changes without prior notice

Rosa Hautamäki: *Toward a Digital Competence Framework for Social Work: Findings from a Descriptive Literature Review*

Ying Zhang: *Digital Literacy in Home-Based Elderly Care Services as Frontline Practice: Evidence from a Scoping Review*

Kristina Rosqvist: *Digital Literacy in Home-Based Elderly Care Services as Frontline Practice: Evidence from a Scoping Review*

13.45 Corporate presentations

13.50 Networking break and exhibitions & poster session

Session 7B: Etävastaanotto toiminta ammattilaisen ja asiakkaan näkökulmasta

Puheenjohtaja: Paula Veikkolainen, Suomen Telelääketieteen ja eHealth Seura (STeHS)

13.00 Etävastaanotto toiminnan käyttöönotto ja kokemukset alueellisessa digisotekeskuksessa

Katja Rääpysjärvi, *Palvelualuejohtaja, Pohjois-Pohjanmaan hyvinvointialue*

13.15 Voidaanko lihavuutta hoitaa etänä? Vaikuttavuusperusteisen Kevyt Askel-ohjelman tuloksia.

Johan Fagerudd, *Vastaava lääkäri, Diabetes- ja Painonhallintaklinikka, Pihlajalinna*

13.30 Scientific 5 min rapid presentations:

Ritva Mäntysalo: *Rethinking Digital Services and Remote Consultations in Specialized Healthcare: Nurses' Experiences from the Perspective of Competence and Support*

Minna Eriksen: *Developing the Open-Source AIRe Platform: An AI-Assisted Digital Solution for Multidisciplinary Rehabilitation*

Arja Rantala: *Public Health Nurses' perspectives on technology management in digital interaction in a Unified Maternity and Child Health Chat Service: A qualitative study*

13.45 Corporate 5min presentations

13.50 Networking break, coffee, refreshments, and exhibitions & poster session

Session 8: A paradigm shift toward Planetary Health

Chair: Kaisa Lällä (FSTeH)

14.20 A paradigm shift toward Planetary Health and One Health in digital services

Chiara Cadettu, *Professor, Erasmus University Rotterdam*

14.45 Summary and closing words

Outi Ahonen, *President, Finnish Society of Telemedicine and eHealth*

Paulus Torkki, *President, The Finnish Society for Effectiveness in Social and Healthcare*

Have safe trip back home!

The program can be changed without a prior notice.



Finnish Journal of eHealth and eWelfare

POSTERS:

1. **Ida Kärki:** A Digital Service Model Enabling Pharmacist Consultation Across a Wide Geographical Area
2. **Sanna Heikkinen:** Making Impact Visible: Six Thematic Dimensions for Evaluating Effectiveness in Digital Health and Social Services – A Case study
3. **Ylönen Katri:** The social construction of user experiences in information systems
4. **Alexandra Dahlberg:** Clinical Note Comparison and Data Retrieval Via Embedding Vectors: Model Selection, Metrics, and Convergence
5. **Heikki Peltonen:** Evaluating the Accuracy of Basal Energy Expenditure Estimates Using Heat Flux and Machine Learning During Changes in Body Composition
6. **Jaana Toikkanen:** TäsmäZekki: A Digital Life Situation Assessment Tool for Identifying Support Needs and Resources among workers with support needs
7. **Katariina Korniloff:** AI-supported task-sharing in community-based rehabilitation: a pilot study of the AIRe platform in Rwanda
8. **Sanaz Akhavan:** Reducing Workplace Sitting with a Prompting App: A Randomized Controlled Trial Using Accelerometry
9. **Tiina Pelander:** Large-Scale Educational Testing of Care Technologies to Support User-Centred Development
10. **Zoi Theofilakou:** Governance-Aware RAG for Literature Pre-Screening and Evidence Retrieval in Healthcare Research
11. **Antti Juntila:** State of Administrative Cybersecurity in Public Healthcare: Case Finnish Wellbeing Counties
12. **Eeva Aartolahti:** Advancing AI Assistants for Digital Rehabilitation Through Citizen Science
13. **Eija Metsälä:** Health Technology Assessment competency needs and future trends
14. **Lili Aunimo:** AI Assistants for future and current healthcare professionals
15. **Merja Hoffrén:** Motion Capture–Based Assessment of Physical Workload in Real Working Conditions: Experiences from a Multidisciplinary Expert Team
16. **Antti Brunni:** Adapting the Method Ecosystem of Service and UX Design to Regulated Healthcare Software: A Qualitative Study of Designer Practice in Finland
17. **Suvi Holm:** Health Technology and AI Acceptance Among Finnish Nursing Students
18. **Ghida Khalife:** Lung cancer risk prediction models: A systematic review of externally validated models
19. **Pauliina Tryykilä:** Understanding Regulatory Boundaries of Generative AI Virtual Assistants for Symptom Management in Multiple Sclerosis Care
20. **Alexandra Dahlberg:** Measuring the quality of AI-generated clinical notes: A systematic review and experimental benchmark of evaluation methods
21. **Laura Jernström:** The Effectiveness of AI-Assisted Documentation in the Western Uusimaa Wellbeing Services County
22. **Satu Peltonen:** Elevated Blood Pressure as a Silent Killer in Coronary Artery Disease: Significant Patient Improvements Through Digital Care Pathway
23. **Veera Häkkinen:** University Attuning with the AI Act – human oversight and the role of healthcare professionals in AI-integrated self-management services
24. **Erika Jarva:** Understanding, trusting and using AI-generated risk prediction results to help prevent ageing with multi-morbidity – stakeholder views
25. **Reija Arnberg:** From Experiments to Ecosystems: A Networked Open Innovation Model for AI Driven Experiments
26. **Jaana Kotila:** Clinical Impact of Digital Care Pathways: New Evidence from Omapolku
27. **Annamaija Id-Korhonen:** Deep Tech Competence Enhancement for Digital Transition in Dementia Care
28. **Hilkka Korpi:** Developing Health Technology Assessment Competence through Lifelong Learning: Insights from Student Feedback on Career Development
29. **Jean Wanyana Mpagi:** Acceptability and feasibility of use of smart phone App in monitoring and management of hypertension in Uganda: Cross-sectional study
30. **Marja Harjumaa:** Cross-case analysis and synthesis of AI-assisted documentation across social and healthcare services

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31. **Tuija Rinkinen:** Enhancing Labor Market Accessibility for Disabled Persons Through Digital Job Coaching Pathway
32. **Anna Nummela:** Metaverse-Based Environments for Healthcare Services – Gamified Operating Room as a Learning Environment. Ongoing Development and Early User-Centred Findings (2025–2027)
33. **Emilia Lahdenperä:** Ensuring Adequate Digital Security Competence within the Health and Social Care Workforce
34. **Nina Korsström:** Digital FeelWork-training model to support the well-being and competence of acute care personnel conducting remote assessment and guidance
35. **Pauleen Mannevaara:** Intelligence for Real-world Automation (AIRA)
36. **Outi Ahonen:** Micro Learning Curriculum: The Interoperability Competencies Around European Health Data Space
37. **Rasmus Kyyhkynen:** AI-Supported Communication Training for Remote Healthcare Consultations
38. **Tahvanainen Laura:** Planetary Health and Wellbeing as part of the Ethical requirements for ENACT-project
39. **Eronen Lotta:** Beds2Bytes: Advancing Digital Care Competence Among Healthcare Students Through Study Modules and Web-Based Simulation
40. **Mitha Rachel Jose:** Evaluating Effectiveness and Value Creation in Digital Health Education through AI-Based Training
41. **Tahvanainen Laura:** Service design course with systemic design framework as part of Managing the Digital Transformation in the Health Sector Master programme
42. **Anna Maria Rauha:** Linking Nature-Based Wellbeing and Planetary Health: Insights from an International Development Project
43. **Arja Liinamo:** Strengthening Effective use of Digital and Technological Solutions for Elderly Care through a National AgeTechNet Continuous Education Network
44. **Eija Metsälä:** Advancing health technology assessment training in cooperation with health technology companies
45. **Elina Niemi:** AI-Assisted Documentation in Residential Care: A Pilot in Private Social Welfare Services
46. **Jaana Kokko:** Current situation of the implementation of PohdeAI and methods for measuring the actual use
47. **Riikka Vuokko:** From Nordic Telehealth Projects to Scaled-up Use: Supporting Sustainable Service Delivery
48. **Sanna Kesikuru:** LASSI- Occupational Safety in Child Welfare – Virtual Simulations for Supporting Anticipation and Learning