

EFMI STC2020 program shedule

Thursday 26.11.2020

Friday 27.11.2020

Track 1

Track 2

Track 1

Track 2

9-10:00

9:00-10:30

10:30-12:00

10:45-12:15

12:15-13:45

12:45-14:15

14:45-16:15

15:00-16:00

16:45-17:30

Opening Ceremony
Läcrámioara Stoicu-Tivadar
EFMI President

Keynote speech
Vesa Jormanainen
Use of the National Patient Accessible Electronic Health Record in Finland

Session: Capacity building to enhance the development and use of digital services & Evaluation approaches and methods for digital services
Chair Ulla-Mari Kinnunen & Philip Scott
The Master Study in Telemedicine and E-health at the University of Tromsø, Norway, 2005-2018
Rolf Wynn, Gunnar Ellingsen

New Scopes for Practice - Interdisciplinary Webinars for Emergency Medicine and Biomedical Informatics - Health Informatics
Kajja Saranto, Catherine Chronaki, Luis Garcia-Gastrillo Riesgo, Louise Pape-Haugaard, John Mantas

What is Digital Health? Review of definitions
Farhad Fatehi, Mahnaz Samadbeik, Azar Kazemi

Physical Activity in Cardiac Rehabilitation: Towards Citizen-Centered and Evidence-Based Digital Interventions (Short paper)
Johanna Gutenberg, Stefan Tino Kulnik, Rada Hussein, Thomas Stuetz, Josef Niebauer, Rik Crutzen

Effects of User Participation in the Development of Health Information Systems on their Evaluation within Occupational Health Services
Anna Vahteristo, Virpi Jylhä

Measures of decision aid quality are preference-sensitive and interest-conflicted 2: empirical measures
Jack Dowie, Mette Kjer Kalltoft, Vije Kumar Rajput

Measures of decision aid quality are preference-sensitive and interest-conflicted 1: normative measures
Jack Dowie, Mette Kjer Kalltoft, Vije Kumar Rajput

Panel
A nursing response to digital health service needs - engaging users and producers
Laura- Maria Peltonen, Patrick Weber, Alain Junger, Inge Cort Madsen, Mattias Georgsson

Coffee break

Coffee break

Session "Citizen safety and Emergency services"
Chair:Kajja Saranto

Session " Guidelines for successful implementation of digital services for citizen"
Chair: Parisis Gallos

Session "Tools and technologies to support citizen centered digital services 2"
Chair: Maria Hägglund

Electronic Health Record System-Related Patient Safety Incidents – How to Classify Them?
Sari Palojoiki, Riikka Vuokko, Anne Vakkuri, Kajja Saranto

Health Professionals' Perceptions and Reactions to ICT Related Patient Safety Incidents
Jouni Kouvo, Samuli Koponen, Hanna Kuusisto, Kajja Saranto

Semantic clustering to augment qualitative content analysis in exploring reasons for emergency department transfer delays
Laura-Maria Peltonen, Sanna Salanterä, Hans Moen

Personalized Predictive Models for Identifying Clinical Deterioration Using LSTM in Emergency Departments
Amin Naemi, Thomas Schmidt, Marjan Mansourvar, Uffe Kock Wil

Dashboard Visualization of Information for Emergency Medical Services
Oliver Michael Christen, Yannic Mösching, Patrik Müller, Kerstin Denecke, Stephan Nüssli

Creating Synthetic Patients to Address Interoperability Issues: a Case Study with the Management of Breast Cancer Patients
Akram Redjail, Jacques Bouaud, Gilles Guezennec, Joseph Gligorov, Brigitte Seroussi

Patient-centered development of a digital care pathway for arrhythmia patients
Pia Liljamo, Hanna Säilynoja, Kirsi Tuomikoski, Anja Henner, Kirsi Kouvunen

From Atomic Guideline-Based Recommendations to Complete Therapeutic Care Plans: a Knowledge-Based Approach Applied to Breast Cancer Management
Hicham Kouz, Jacques Bouaud, Gilles Guezennec, Brigitte Seroussi

Personalization Dimensions for MHealth to Improve Behavior Change: A Scoping Review
Laetitia Gosetto, Frederic Ehrler, Gilles Falquet

Visualization of Guideline-Based Decision Support for the Management of Pressure Ulcers in Nursing Homes
Abir Abdellatif, Jacques Bouaud, Joël Belmin, Brigitte Seroussi

Semi-automated method to generate simulated clinical data from OpenEHR Platform – ThinkIEHR (Short Paper)
Abdul Mateen Rajput

A Secure Protocol for Managing and Sharing Personal Healthcare Data
Athanasios Kourits, Argyo Mavroggiorgou, Sofia-Anna Menesidou, Panagiotis Gouvas, Dimosthenis Kyriazis

Word-final phoneme segmentation using cross-correlation
Emilian Erman Mahmut, Stelian Nicola, Vasile Stoicu-Tivadar

Multicriteria decision support can avoid Overdiagnosis and Overtreatment
Vije Kumar Rajput, Jack Dowie, Mette Kjer Kalltoft

The new Smart-Meds: redesign of a gamified app to improve medication adherence after user feedback
Arnaud Ricci, Laetitia Gosetto, Katherine Blondon, Frederic Ehrler

Citizens' Opinions about a Digital Health Insurance Record (Short paper)
George Kostikidis, Parisis Gallos, Ioannis Triantafyllou, Vassilis Plagianakos

Digital Allergy Card: Design and users' perceptions (Short paper)
Rhode Ghislaine Nguewo Ngassam, Linnea Ung, Roxana Ologeanu-Taddei, Pascal Demoly, Jorick Lartigau, Anca Mirela Chiriac

Workshop
Getting Nursing Informatics Evidence into Practice
Robin Cook, Ulla-Mari Kinnunen, Pia Liljamo

Coffee break

Coffee break

Session "Tools and technologies to support citizen centered digital services 1"
Chair: Maria Hägglund

Session "Confidentiality, data integrity and data protection to guarantee trustworthy services"
Chair: Jaime Delgado

Session "Usability, usefulness and user acceptance of digital services"
Chair Louise Pape-Haugaard

User-centred Design with a Remote Approach: Experiences from the Chronic Pain Project
Berglind F. Smaradottir, Johan Gustav Bellika, Aina Fredeng, Astbjørn J. Johansen Fagerlund

Integrating patient-generated health data in an electronic medical record: stakeholders' perspectives
Katherine Blondon, Frederic Ehrler

Integrating Healthcare Data for Enhanced Citizen-centred Care and Analytics
Juliana Bowles, Juan Mendoza-Santana, Andreas Vermeulen, Thais Welber, Euan Blackledge

SLEEPexpert app – a mobile application to support insomnia treatment for patients with severe psychiatric disorders
Kerstin Denecke, Carlotta Schneider, Elisabeth Hertenstein, Christoph Nissen

From Personalised Predictions to Targeted Advice: Improving Self-Management in Rheumatoid Arthritis
Ali Fahmi, Hamit Soyel, William Marsh, Paul Curzon, Amy MacBrayne, Frances Humby

Mobile Access and Adoption of the Swedish National Patient Portal
Maria Hägglund, Charlotte Blease, Isabella Scandurra

Description of data breaches notifications in France and lessons learned for the healthcare stakeholders
Marie Simon, Vincent Looten

Health Data Privacy: Research Fronts, Hot Topics and Future Directions
Javad Pool, Farhad Fatehi, Farkhondeh Hassandoust, Saeed Akhlaghpour

Do you know who is talking to your wearable smartband?
Andrei Kazlouski, Thomas Marchioro, Harry Manifavas, Evangelos Markatos

A Decentralized Framework for Biostatistics and Privacy Concerns
Paul Mangold, Alexandre Filiot, Mouhamed Moussa, Vincent Sobanski, Grégoire Ficheur, Paul Andrey, Antoine Lamer

Development and Validation of Standardized Pain Management Documentation
Pia Liljamo, Ulla-Mari Kinnunen

Security and privacy when applying FAIR principles to Genomic Information
Jaime Delgado, Silvia Lorente

Standardizing the Unit of Measurements in LOINC-coded Laboratory Tests can significantly improve Semantic Interoperability among University Hospitals in Germany (Short paper)
Abdul Mateen Rajput, Sarah Ballout, Cora Drenkhahn

Analysis of ISO/TS 21526 towards the Extension of a Standardized Query API
Hannes Ulrich, Ann-Kristin Kock-Schoppemhauer, Cora Marisa Drenkhahn, Matthias Löbe, Josef Ingenerf

The Effect of Chronic Diseases on the Use of Health Technology and Digital Services in the Elderly Population in Finland
Jukka Mielonen, Ulla-Mari Kinnunen, Kajja Saranto, Anssi Kemppi, Hanna Kuusisto

Technology Supporting Nursing at homecare - Seems to be Lacking
Eija Kivekäs, Santtu Mikkonen, Samuli Koponen, Kajja Saranto

Chronic Disease Self Management using a Social Networking PHR/UHR
Jeremy Kagan

Usability of Remote Assessment of Exercise Capacity for Pulmonary Telerehabilitation Program
Joseph Finkelstein, In cheol Jeong, Mackenzie Doerstling, Yichao Shen, Chenhao Wei, Herbert Karpatkin

Acceptance Study on the Usage of Health-Enabling Technologies in Therapy and Diagnostics for People with Mental Disorders
Bastian Drögemüller, Corinna Mielke (née Scharnweber), Reinhold Haux, Alexander Diehl

The Drug Addicts' Usage of Information and Communication Technologies (Short paper)
Christos Mirmigiannis, Parisis Gallos, John Mantas

Workshop
Exploration of A Socio-Technical Analysis Template for Patient Accessible Electronic Health Records
M Hägglund, C Blease, M Johansen, S Kujaala, I Scandurra

Lunch

Lunch

Session "Covid-19 epidemic and health informatics"
Chair: Kristina Häyrinen

Workshop
TIGER goes ERASMUS: Implementing Problem Based Inter-professional Health Informatics Education
Ursula Hübner, Nicole Egbert, Ulla-Mari Kinnunen, Ricardo João Cruz-Correia, Mervat Abdelhak, Angelika Händel, Céila Boyer, Gabriela Wilson, Marion Ball

Keynote speech
Bernd Blöbel
Methodologies and Technologies for Enabling Intelligent Citizen-Centered Digital Health

Closing Ceremony

Coffee Break

Keynote speech
Jean-Pierre Hubaux
Secure Sharing of Pandemic Data