

Venue: Slagthuset (Carlsгатan 12A, but entrance along Jorgен Kocksgatan next to "Goto 10" is best)

Time	Monday, Nov 27	
8:30	Registration opens	
09:00-10:00	Keynote 1: Prof. Per Carlbring	
	Department of Psychology, Stockholm University	
	From Face-to-Face to Cyberspace: The Future of Mental Health Treatments	
	Full keynote information on the conference website	
10:00-10:20	Coffee break	
10:20-11:20	Session 1	Pervasive mental health
	Chair: Giada Pietrabissa	
10:20-10:40	Thierfelder, A., et al.	Gaze behaviour in adolescents with obsessive-compulsive disorder during exposure within cognitive-behavioural therapy
10:40-11:00	Davies, A., et al.	Individual Behavioral Insights in Schizophrenia: A Network Analysis and Mobile Sensing Approach
11:00-11:20	Tervonen, J., et al.	Baseline user calibration for cold-start model personalization in mental state estimation
11:20-11:30	Mini-break (to set up next session)	
11:30-12:30	Session 2	Privacy, legislation and regulations
	Chair: Gianluca Castelnuovo	
11:30-11:50	Starks, T., et al.	Exploring Users' Perspectives of Mobile Health Privacy and Autonomy
11:50-12:10	Baum, S. and Manikas, K.	Investigating AI in medical devices: the need for better establishment of risk-assessment and regulatory foundations
12:10-12:30	de Heer, S.	Automated Decision-Making Systems in Precision Medicine – The Right to Good Administration at Risk
12:30-13:30	Lunch with coffee	

13:30-14:50	Session 3 Chair: Jaakko Tervonen	Datasets and big data processing
13:30-13:50	Chung, A., et al.	Cause of Death Coding in Asthma
13:50-14:10	Yamane, N., et al.	HeartView: An extensible, open-source, web-based signal quality assessment pipeline for ambulatory cardiovascular data
14:10-14:30	Bokhari, S. M. A., et al.	Heuristic-Based Extraction and Unigram Analysis of Nursing Free Text Data Residing in Large EHR Clinical Notes
14:30-14:50	Tourab, H., et al.	A data-driven methodology and workflow process leveraging research electronic data capture (REDCap) to coordinate and accelerate the implementation of personalized microbiome-based nutrition approaches in clinical research
14:50-15:10	Coffee break	
15:10-16:30	Session 4 Chair: Lena Rettinger	Pervasive health for carers
15:10-15:30	Vasconcelos, A., et al.	Patient-pharmacist interactions in chronic care: a qualitative study and implications for design
15:30-15:50	Javaheri, H., et al.	RescuAR: A Self-Directed Augmented Reality System for Cardiopulmonary Resuscitation Training
15:50-16:10	James, L., et al.	Towards Augmenting Mental Health Personnel With LLM Technology To Provide More Personalized And Measurable Treatment Goals For SMI Patients
16:10-16:30	Antunes, I., et al.	Fanima! Pervasive Serious Game for Phonetic-Phonological Assessment of Children towards Autonomous Speech Therapy
18:00-19:30	Welcome reception	Sponsored by Malmö City. Free , but requires registration for this event.
	Malmö Town Hall (Rådhus)	Address: Kompanigatan 5, 211 35 Malmö
	Doors open 15-20 min before, so please arrive before the reception speech starts.	
	Mingle buffé with non-alcoholic sparkling wine.	
19:30-	Self-organized dinner	
	For those that are still hungry, or want to continue socializing	

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Time	Tuesday, Nov 28	
09:00-10:00	Keynote 2: Prof. Jakob Eyvind Bardam	
	Department of Computer Science, Technical University of Denmark	
	Digital Phenotyping – Technologies and Methods for Longitudinal Collection and Analysis of Health Data “In-the-Wild”	
	Full keynote information on the conference website	
10:00-10:20	Coffee break	
10:20-11:20	Session 5	Pervasive Health in clinical practice
	Chair: Holly Tibble	
10:20-10:40	Tunis, R.	A Decentralized Clinical Trial of a Digital Intervention with Multiple Health Trackers for Heart Failure: Early Learnings and Practical Considerations
10:40-11:00	Bruns, F. T., et al.	Activity Recognition of Nursing Tasks in a Hospital: Requirements and Challenges
11:00-11:20	McAleer, P., et al.	Exploring how Telephone Triage Nurses Support Older People with Multimorbidity to Engage in Digital Self-management
11:20-11:30	Mini-break (to set up next session)	
11:30-12:30	Session 6	Remote monitoring 1
	Chair: Hamraz Javaheri	
11:30-11:50	Bernante, A. J., et al.	Mobile Application for Remote Monitoring of Peripheral Edema
11:50-12:10	Valero, M., et al.	Pervasive Glucose Monitoring: A Non-Invasive Approach based on Near-Infrared Spectroscopy
12:10-12:30	Tighe, S. A., et al.	Co-Design of a Data Summary Feature with Older Adults as part of a Digital Health Platform to Support Multimorbidity Self-Management
12:30-13:30	Lunch with coffee	
13:30-14:30	Session 7	Remote monitoring 2
	Chair: Julie Doyle	

13:30-13:50	Caballero, E., et al.	Human Activity Recognition using Wi-Fi CSI
13:50-14:10	Mammen, P., et al.	SleepLess: Personalized Sleep Monitoring Using Smartphones and Semi-supervised Learning
14:10-14:30	Nguyen, V.	myAQM: Interfacing Portable Air Quality Monitor With The Apple Watch - An In-the-Wild Usability Study
14:30-14:50	Coffee break	
14:50-15:50	Session 8	Patient and user aspects
	Chair: Carl Magnus Olsson	
14:50-15:10	Braun, M. C. and Wölfel, M.	Usability of Natural User Interfaces for People with Intellectual Disabilities
15:10-15:30	Duong, A. and Valero, M.	Usability of Voice Assistants in Healthcare: A Systematic Literature Review
15:30-15:50	Martinez, T. S. and Tang, C.	Gender Identity and Sexual Orientation Use in and Impact on LGBTQIA+ Healthcare
15:50-16:00	Mini-break (to set up next session)	
16:00-17:00	Session 9	Motion and rehabilitation
	Chair: Syed Ahmar Shah	
16:00-16:20	Klein, L., et al.	Exploratory Analysis of Machine Learning Methods for the Prognosis of Falls in Elderly Care based on Accelerometer Data
16:20-16:40	Giggins, O. M., et al.	Unsupervised physical function testing using a wearable sensor system - a cross-sectional study with community dwelling older adults.
16:40-17:00	Rettinger, L., et al.	MARTHA - Master Therapy Assistant: Supporting the recovery of upper limb motor function after stroke with digital home exercise programs
19:00-	Conference gala dinner	
	Occo Malmö	Address: Kalendegatan 12
	Best paper award	

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Time	Wednesday, Nov 29	
09:00-10:20	Workshop on the Internet of Things in Health Research	
	Chairs: Filippo Palumbo, Francesco Potorti	
09:00-09:20	Pietrabissa, G., et al.	The Rinascimento 2.0 Project: A Study Protocol for A Randomized Controlled Trial Evaluating the Efficacy of An Internet-Based Self-Help Program for Managing Psychological Distress Within the Broader Italian Population
09:20-09:40	Caramaschi, S., et al.	An IoT-based method for collecting reference walked distance for the 6-minute walk test
09:40-10:00	Chen, S., et al.	Dozzz: Exploring Voice-based Sleep Experience Sampling for Children
10:00-10:20	Belli, D., et al.	A Novel Architectural Schema for Constant Monitoring and Assessment of Older Adults' Health Status at Home
10:20-10:40	Coffee break	
10:40-12:00	Posters demos and discussions	
	Caramaschi, S., et al.	A smartphone-based Timed Up and Go Test for Parkinson's disease
	Kerschbaumer, A., et al.	Developmental Evaluation of an e-Counselling & Learning Application for Parents of Children with Attention Deficit Hyperactivity Disorder
	Infonomy	Snubblometer demo
	Arjo	Provizio SEM Scanner demo
12:00-13:00	Lunch with coffee	