

PERVASIVE HEALTH AND SMART SENSING**VSEPRISOTNE ZDRAVSTVENE STORITVE IN PAMETNI SENZORJI**

Thursday 13th October 2022 / Četrtek 13. oktober 2022

E-predavalnica na Teslovi30 / E-Lecturerroom on Teslova30

Link for online attendance / Povezava za spletno udeležbo:

<https://meet.goto.com/E9-DIS-2/pervasivehealthandsmartsensing>

9:00 – 9:10	Opening of the conference & WideHealth project presentation
9:10 – 10:30	Session A / Sekcija A Chair / Vodi: Nina Reščič <ul style="list-style-type: none">• Aleksander Hrastič, Matej Kranjec, Primož Kocuvan Optimized method for walking detection by wristband with accelerometer sensor• Viktor Srbinoski, Daniel Denkovski, Emilija Kizhevska. Hristijan Gjoreski Android Integration of a Machine Learning Pipeline for Human Activity Recognition• Antonio Nikoloski, Petar Poposki, Ivana Kiprijanovska, Simon Stankoski, Martin Gjoreski, Charles Nduka, Hristijan Gjoreski Speaking Recognition with Facial EMG Sensors• Vítor Lobo, Diogo Branco, Tiago Guerreiro, Raquel Bouça, Joaquim Ferreira, Cns Physiotherapy Study Group Machine-learning models for MDS-UPDRS III Prediction: A comparative study of features, models, and data sources
10:30 – 11:00	Break / Odmor – 30 min

<p>11:00 – 12:20</p>	<p>Session B / Sekcija B</p> <p>Chair / Vodi: dr. Oscar Mayora</p> <ul style="list-style-type: none"> • Kristina Kirsten, Bert Arrnich Elements of a System for Holistic Monitoring of Mental Health Characteristics at Home • Christoph Anders, Sidratul Moontaha, Bert Arrnich Towards Multi-Modal Recordings in Daily Life: A Baseline Assessment of an Experimental Framework • Junoš Lukan, Larissa Bolliger, Els Clays, Primož Šiško, Mitja Luštrek Assessing Sources of Variability of Hierarchical Data in a Repeated-Measures Diary Study of Stress • Berrenur Saylam, Ekrem Yusuf Ekmekci, Eren Altunoğlu, Özlem Durmaz İncel Academic Performance Relation with Behavioral Trends and Personal Characteristics from Wearable Device Perspective
<p>12:20 – 13:30</p>	<p>Lunch Break / Odmor za kosilo – 70 min</p>
<p>13:30 – 14:50</p>	<p>Session C / Sekcija C</p> <p>Chair / Vodi: dr. Valentin Rakovic</p> <ul style="list-style-type: none"> • David Susič, Lea Bombač Tavčar, Hana Hrobat, Lea Gornik, Miha Lučovnik, Anton Gradišek Detection of postpartum anemia using machine learning • Goran Jakimovski, Dragana Nikolova Covid symptoms home questionnaire classification and outcome verification by patients • Mitja Lustrek, Efthalia Angelopoulou, Pietro Hiram Guzzi, Samo Drobne, Roberta Matkovic, Miodrag Miljkovic, Sokratis G Papageorgiou, Bojan Blazica Piloting ICT Solutions for Integrated Care • Ana Cholakoska, Bojan Jakimovski, Bjarne Pfitzner, Hristijan Gjoreski, Bert Arrnich, Marija Kalendar, Danijela Efnusheva Network Anomaly Detection using Federated Learning for the Internet of Things
<p>14:50 – 15:00</p>	<p>Closing of the conference</p>