

Dogodek povezovanja: Zelene tehnologije, energija in digitalizacija za trajnostno prihodnost

Program

15. februar 2024, Hotel Mons, Ljubljana

8:30 Registracija

9:00 Pozdravni nagovor: Prof. dr. Anton Ramšak, Prorektor Univerze v Ljubljani za raziskovanje in razvoj

9:05 Elina Wanne, M Sc. (Tech), Vodja razvoja, Urad župana, mesto Espoo, Finska
Espoo: spoznanja iz sodelovanja v projektu H2020 SPARCS - od priprave do ponovitve. Podpora cilju podnebne nevtralnosti Espooja do leta 2030.

Prof. dr. Vlado Stankovski, Univerza v Ljubljani, Fakulteta za računalništvo in informatiko, Slovenia
Od ideje do uspešne prijave s pravim partnerstvom.

Doc. dr. Draško Veselinovič, Predsednik upravnega odbora Slovenskega gospodarskega in raziskovalnega združenja, Bruselj
Akutno iz Bruslja. Kako stvari delujejo.

9:50 Okrogla miza: Pomembnost dobrega konzorcija za uspeh v EU razpisih

Julia Schmalenberg, Direktorica evropskega ekosistema R&I pri Huawei Technologies; Doc. dr. Draško Veselinovič; Prof. dr. Vlado Stankovski

10:15

Ideje za nove EU projekte (kratke predstavitev)

Prof. Mathias Hudoba de Badyn, University of Oslo,
Department of Technology Systems (ITS)

1

Cross-cutting control of consumption across heating, cooling, and electric grids: The distributed smart buildings-as-batteries prosumer approach

Dr. Rebeka Lucijana Berčič, University of Ljubljana,
Veterinary Faculty

2

New European Silk – The Greenest Textile Of The Future

Prof. Sabrina Sartori, University of Oslo,
Department of Technology Systems (ITS)

3

Sustainable hydrogen production and storage in off-grid systems

Assist. prof. Martin Gazvoda, University of Ljubljana,
Faculty of Chemistry and Chemical Technology

4

Artificial (bio)catalytic systems for unearthly environments

Dr. Martin Rozman, Cinkarna Celje d. d.

5

Development and production of FeC₂O₄ (iron oxalate) and recycling of TiO₂ (titanium dioxide)

Assoc. prof. Berta Barta Holló, University of Novi Sad,
Faculty of Sciences

6

Innovations in Metal Complex Synthesis for Enhanced Dye-Sensitized Solar Cells

10:40

Odmor

11:10

Ideje za nove EU projekte (kratke predstavitev)

Dr. Blaž Peternel, SMARTIS d.o.o.

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Digital Twins for Twin Transformation

Assoc. prof. Franci Majdič, University of Ljubljana,
Faculty of Mechanical Engineering

8

Digital twin and predictive maintenance of systems and components

Prof. Josef Noll, University of Oslo,
Department of Technology Systems (ITS)

9

Project opportunities by the energy modelling group of University of Oslo

Assoc. prof. Jerneja Penca, Science and Research Centre
Koper

10

Digital solutions for a just and sustainable transformation

Assoc. prof. Urban Rudež, University of Ljubljana,
Faculty of Electrical Engineering

11

Unified multi-mechanism power balancing in smart grids environment

Assist. prof. Haris Bradić, University of Sarajevo,
Faculty of Architecture - odpovedano

12

Architecture between a human and space - examples of architectural practice (Designing Energy-Efficient Architecture) -
odpovedano

Assoc. prof. Evelin Krmac, University of Ljubljana,
Faculty of Maritime Studies and Transport

13

START - Sustainable Transport with Augmented Reality Technology

Assist. prof. Simona Malaescu, Babes Bolyai University,
Faculty of Geography

14

Mobile eye tracking in assessing the experience of augmented reality during museum learning experiences

Assoc. prof. Gregor Kravanja, University of Maribor, Faculty of
Civil Engineering, Transportation Engineering and Architecture

15

Enhancing Sustainability in Construction: Accelerated Carbonization Curing of Recycled Concrete Aggregates using Supercritical CO2

Dr. Nivedita Yadav, Vrije University Brussels,
Artificial Intelligence Lab

16

AI4SE: AI for software engineering

Prof. Jovan Bojkovski, University of Ljubljana, Faculty of
Electrical Engineering

17

Using artificial intelligence to improve manufacturing efficiency

Assoc. prof. Gregor Klančar, University of Ljubljana,
Faculty of Electrical Engineering

18

Self-organizing systems supported by artificial intelligence for autonomous mobile robots with trusted human/operator
cooperation in intralogistics

Dr. Igor Petrović, University of Ljubljana,
Faculty of Mechanical Engineering

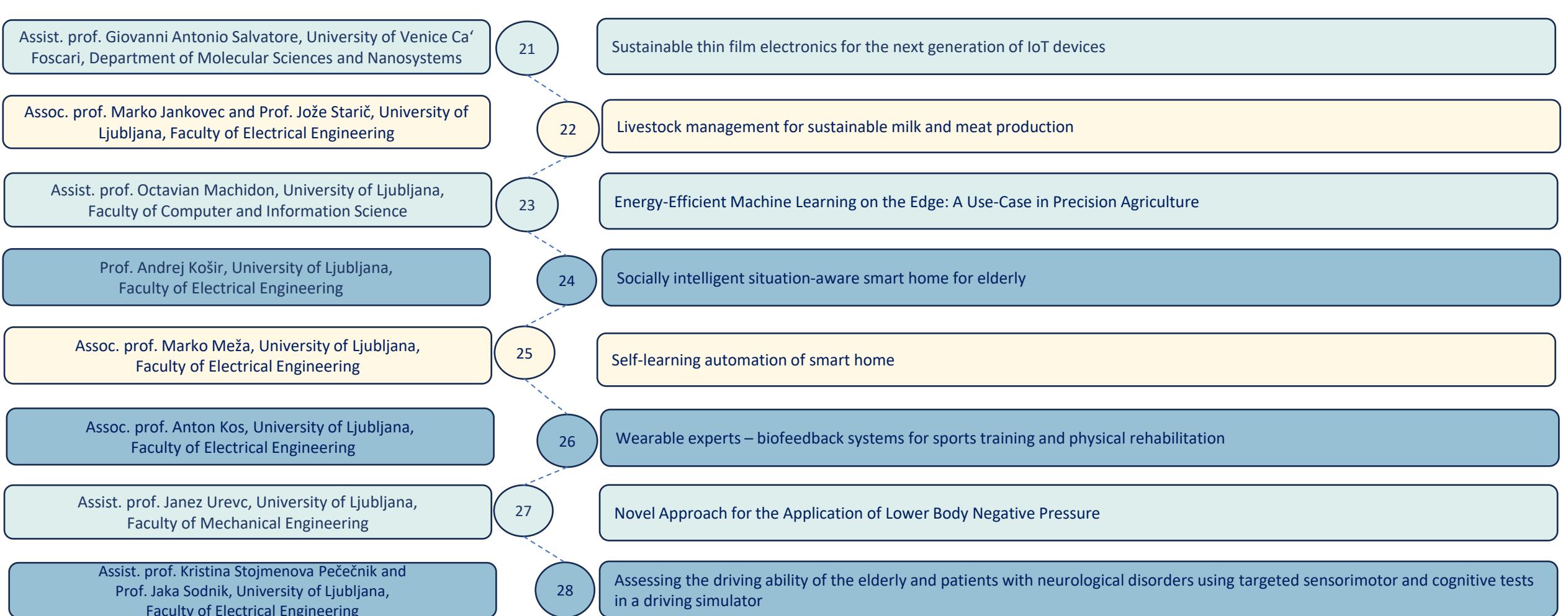
19

The challenges of remote sensing with drones

Dejan Šošter, Head of research and development projects,
TELEKOM Slovenia

20

Advanced Use of Private Mobile Networks in Smart Factories: Transforming Manufacturing into the Digital Era



12:30	Kosilo
13:30	Mreženje / Individualni / Skupinski razgovori
15:00	Zaključek