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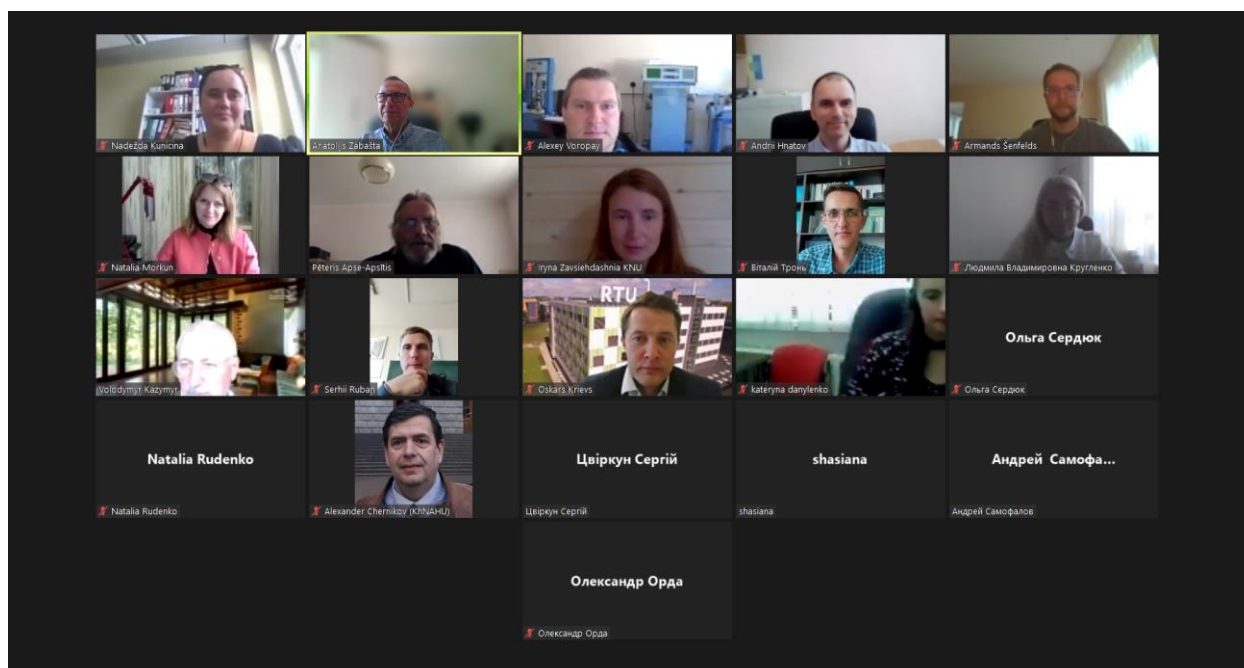


Teacher Training

Due to the COVID-19 pandemic, the teacher training at the Riga Technical University has been organized using Zoom. During two days (September 7th and September 8th, 2021) academic staff of

- Kryvyi Rih National University,
- Kharkiv National Automobile and Highway University,
- Chernihiv Polytechnic National University,

participated in the teacher training.



A diversity of topics has been presented:

Laboratories and scientific projects of the Faculty of Electrical and Environmental Engineering (EVIF)

- EVIF introduction: achievements, projects, labs, how we arrange students training in Covid-19 environment.
- Building Energy model for Management System efficiency increase. Case study of faculty building in Azenes 12/1 using LoRa sensors.
- Remote laboratory, 420 off. Demonstration.
- FP7 AREUS project results and further research. Large Robot.
- Control methods for critical infrastructure and Internet of Things (IoT): Industrial Safety.

Bringing Innovations to the Market

- E-commerce
- Bringing Innovations to the Market: Practical cases (case of Smart Spoon). Methods and practical application.

Modelling of Intelligent Transport Systems: methods, examples, demonstration

- Transportation travel demand models

CybPhys: Modelling Shared modelling and simulation environment platform

- Implementation progress. Risks. User requirements. The tasks for the partners

Institute of Industrial Electronics and Electrical Engineering

Total of 101 employees - FTE of 58,9

The main research directions are related to power electronics, motion control and automation

- Power Electronics for Renewables, Energy Storage Systems, Electrical Drives and Power Flow Control
- Motion Control and Robotics
- Industrial Automation
- LED Lighting Systems
- Design and Diagnostics of Electrical Machines
- Electromagnetic Compatibility
- Decision Support Systems in Railway Automation

Study programs: «Computer control of electrical technologies», «Adaptronics»

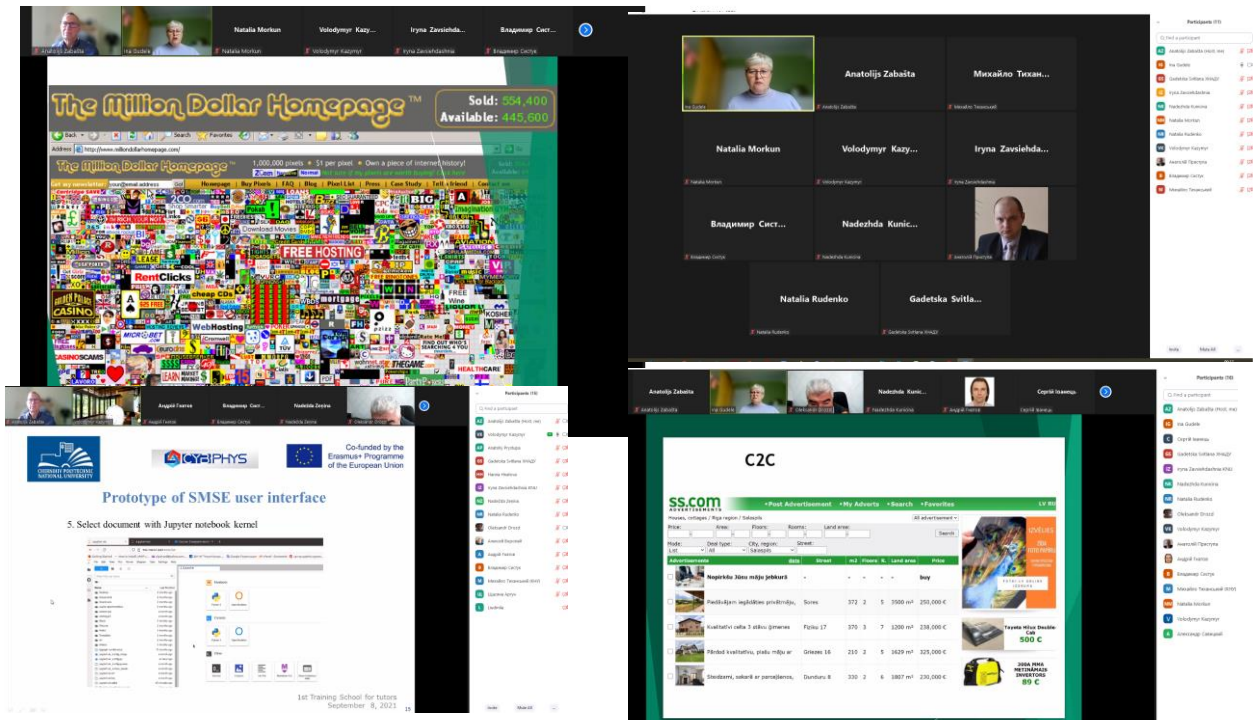
Riga Technical University

Participants (29)

Participant	Status
Anatolijs Zabaġta (Host, me)	🔊 🗨️
Oskars Krievs	🔊 🗨️
Alexander Chernikov (KNAHL)	🔊 🗨️
Alexey Voropay	🔊 🗨️
Andrii Hnatov	🔊 🗨️
Ansis Avotiġ	🔊 🗨️
Armands Ģenfelds	🔊 🗨️
Irina Ciornel	🔊 🗨️
Iryna Zavishedashnia KNU	🔊 🗨️
Kateryna danylenko	🔊 🗨️
Ljudmila Kruhlenko	🔊 🗨️
Nadeġda Kujcina	🔊 🗨️
Natalia Morkun	🔊 🗨️
Natalia Rudenko	🔊 🗨️
Oleksandr Drozd	🔊 🗨️
Oleksandra Orda	🔊 🗨️
Serhi Ruban	🔊 🗨️
Shchasianna Arhun	🔊 🗨️
Victoria Sevidova	🔊 🗨️
Vitalii Tron	🔊 🗨️
Volodymyr Kazymyr	🔊 🗨️

At the end of the second day, the leaders of partner' team discussed further project activities:

- A new Financial report by October 30th.
- The English language courses to be organized on-site in Bruges 13-17th September 2021.
- Seminars – workshops by the end of 2021 – meeting in Riga on November 15-16th.
- Students training, which is planned on January – February of 2022;
- Seminars – workshops at the beginning of 2022.
- The topics of the next meeting, which will be held on September 27th.



Due to different agendas and the diversity of the topics, the numbers of participants was not constant. But very often more than 29 attendees participated.

