

RĒZEKNES TEHNOLOGIJU AKADĒMIJA – vadošais tehnoloģiju centrs Austrumlatvijā



STUDIJU
IESPĒJAS

EKONOMIKAS UN PĀRVALDĪBAS FAKULTĀTE

INŽENIERU FAKULTĀTE

IZGLĪTĪBAS, VALODU UN DIZAINA FAKULTĀTE

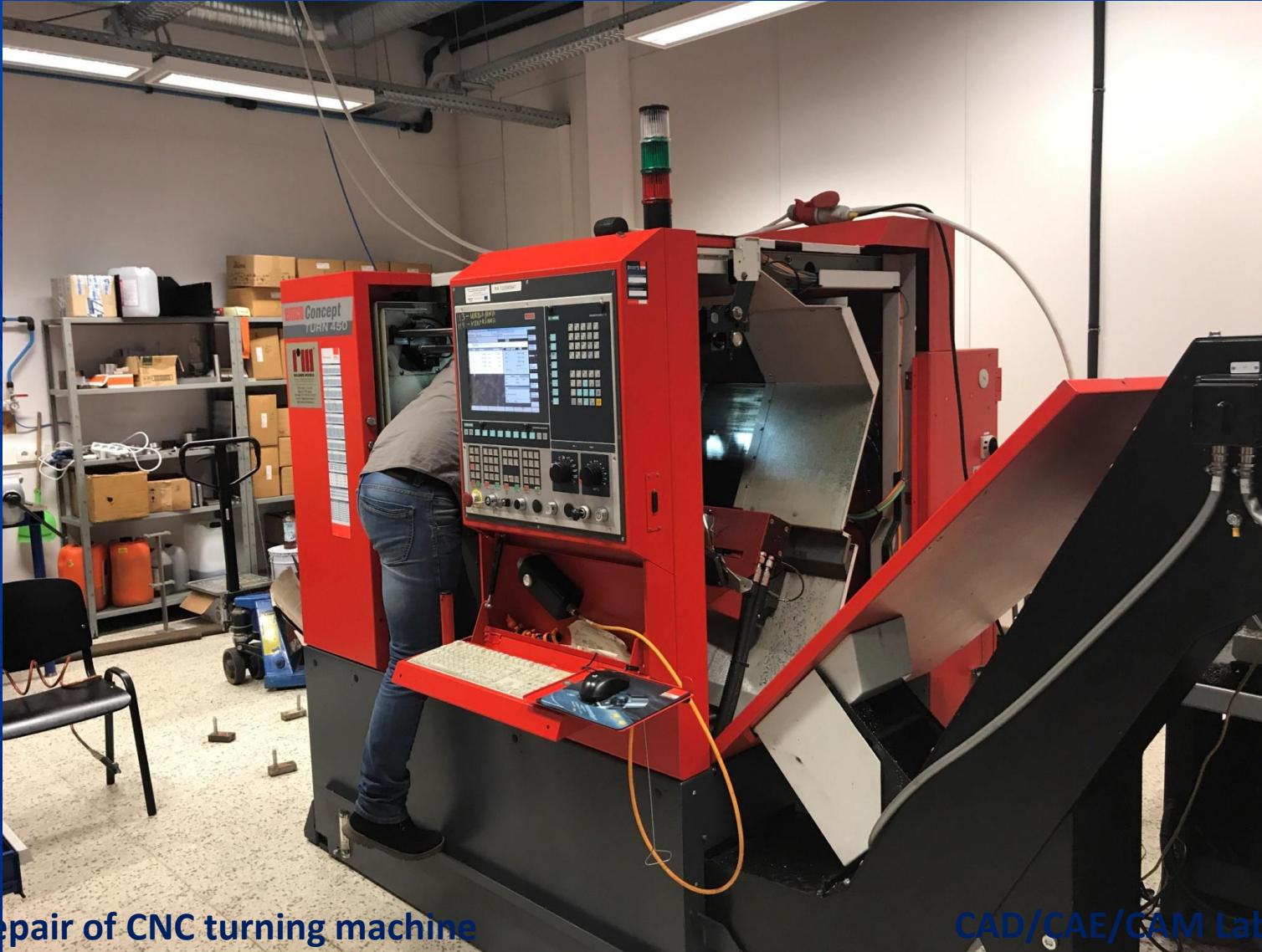


RTA INŽENIERU FAKULTĀTE

Modernākās un iespējām bagātākās laboratorijas Baltijā: Mehatronikas, CAD/CAM/CAE, Lietišķas ekoloģijas un resursu, Elektrotehnikas un elektronikas u.c.

CAD/CAE/CAM Laboratory





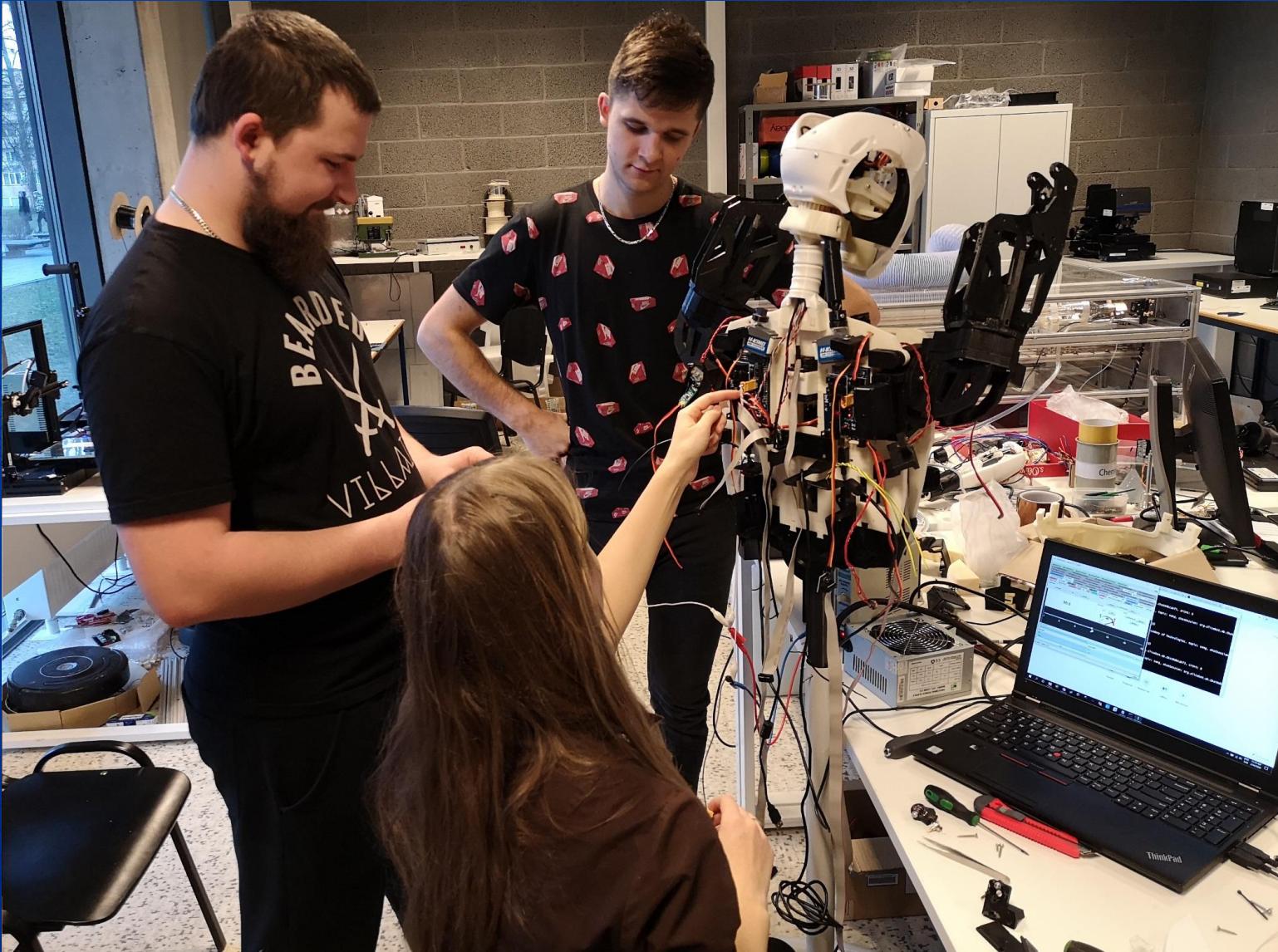
Repair of CNC turning machine

CAD/CAE/CAM Laboratory

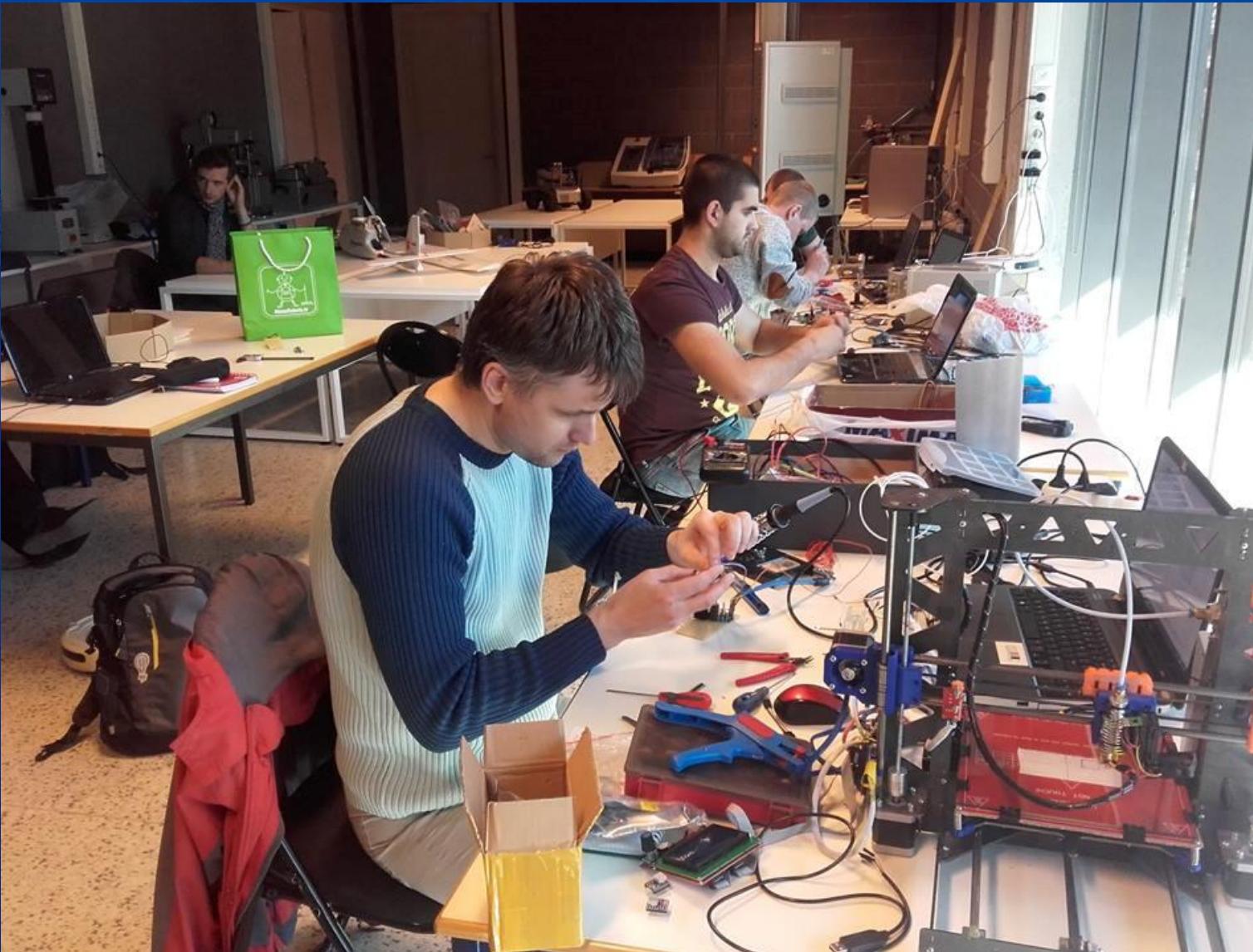
Mechatronics Laboratory

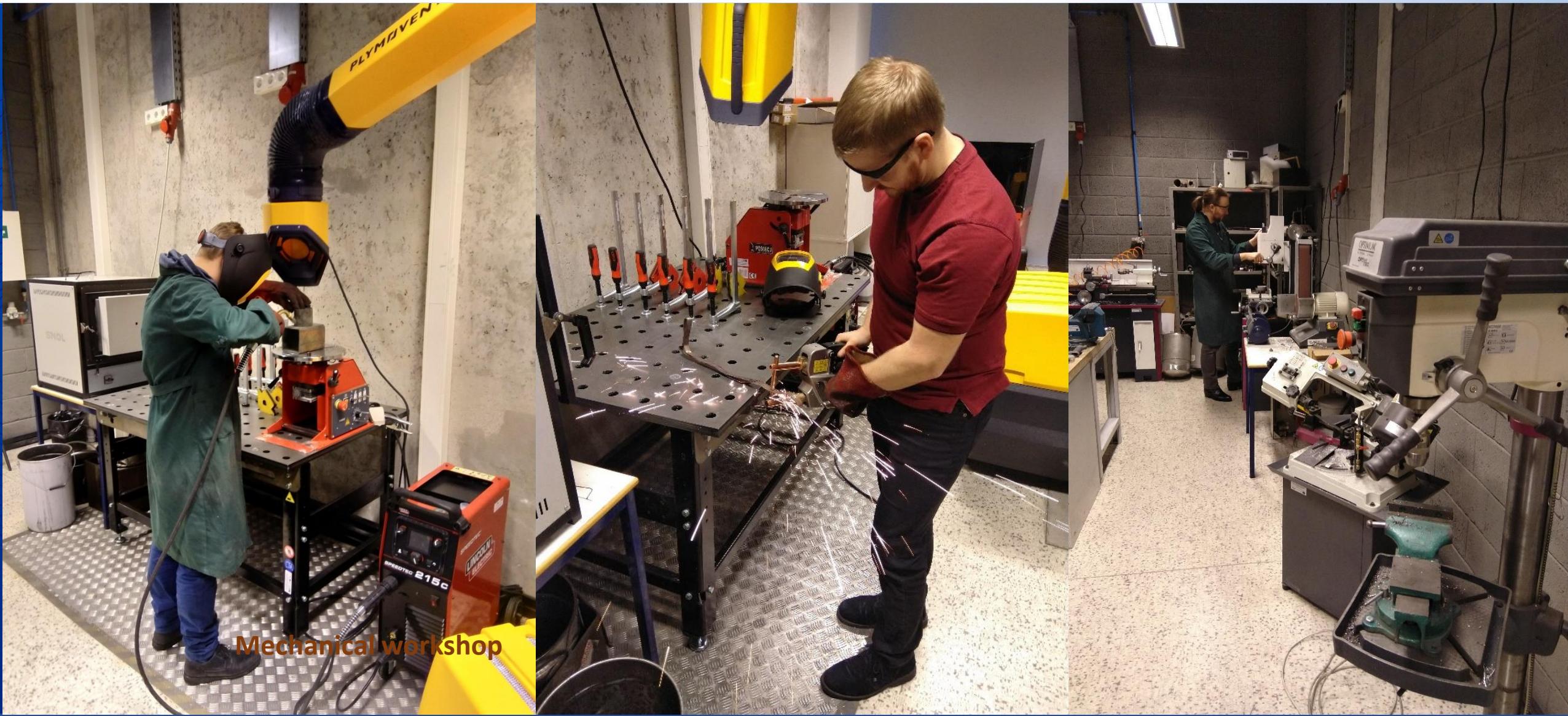


Electronics workshop

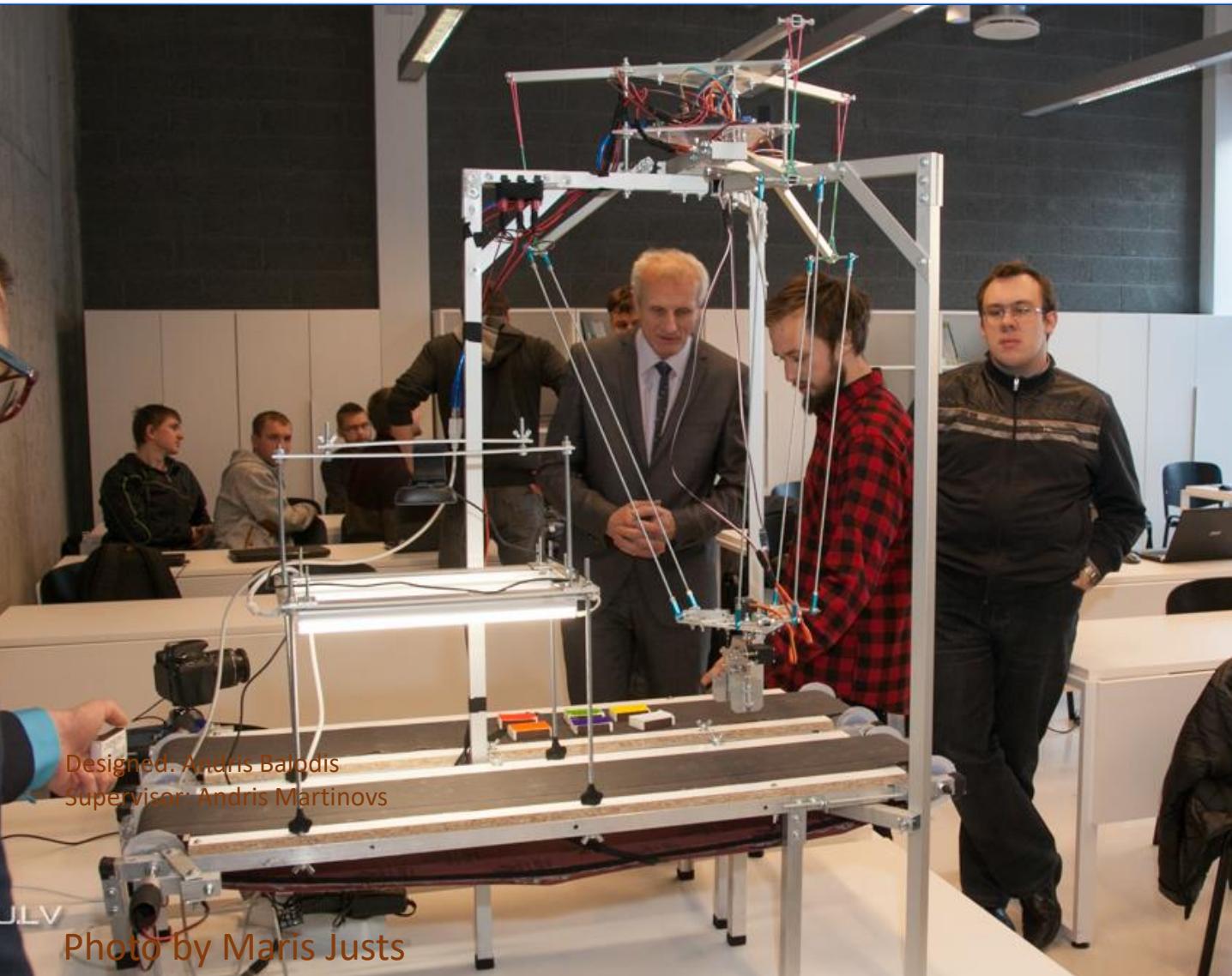


Electronics workshop





Delta robot with vision system

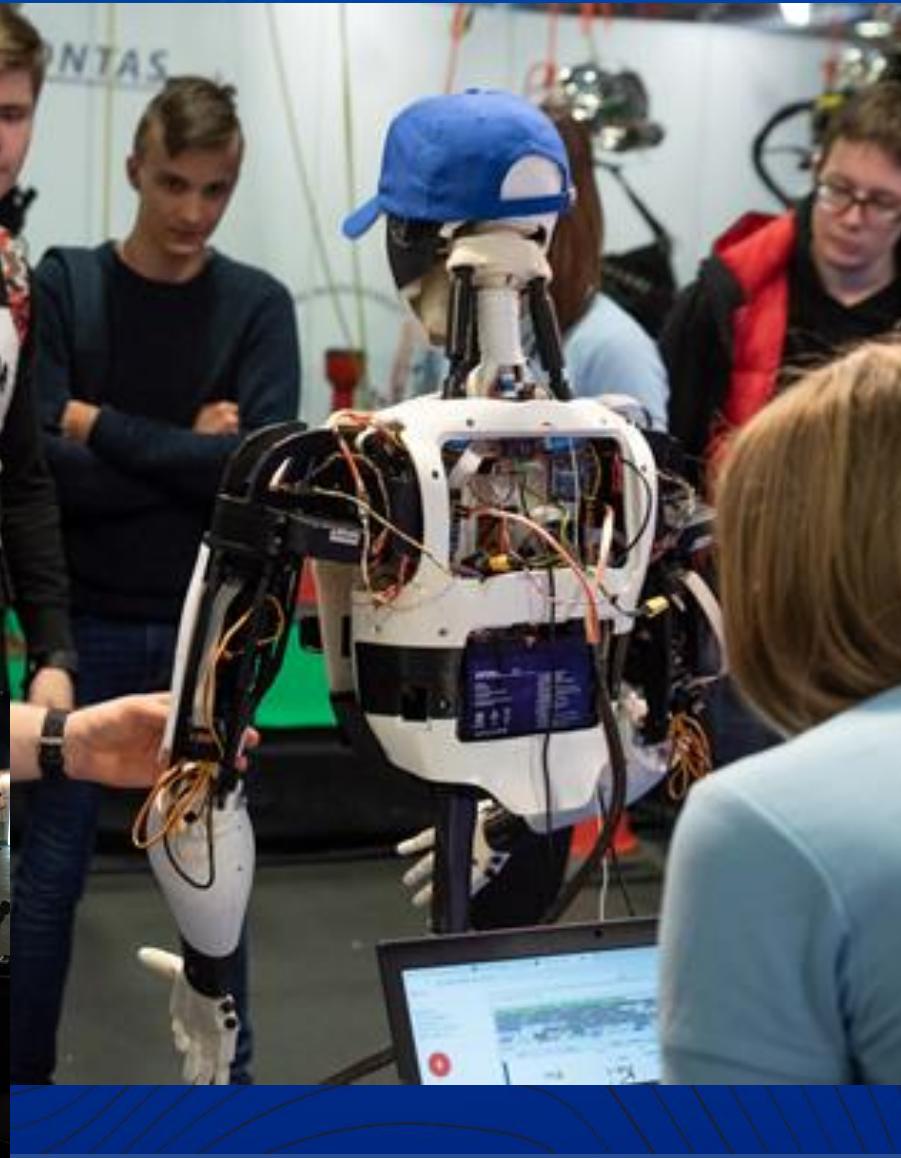
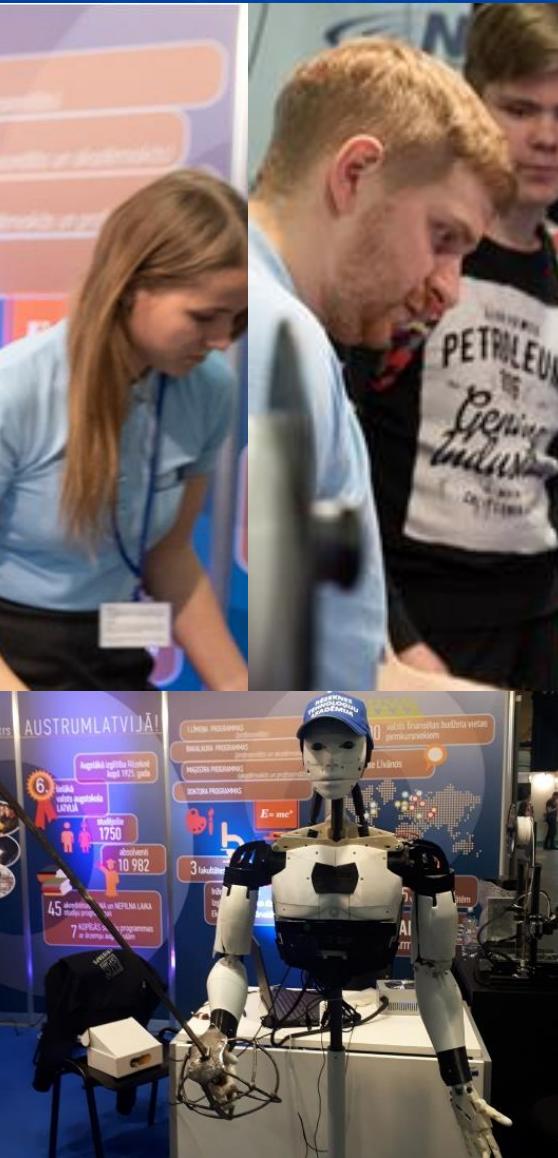


Drop Tower Impact System (for testing impact resistance of materials)

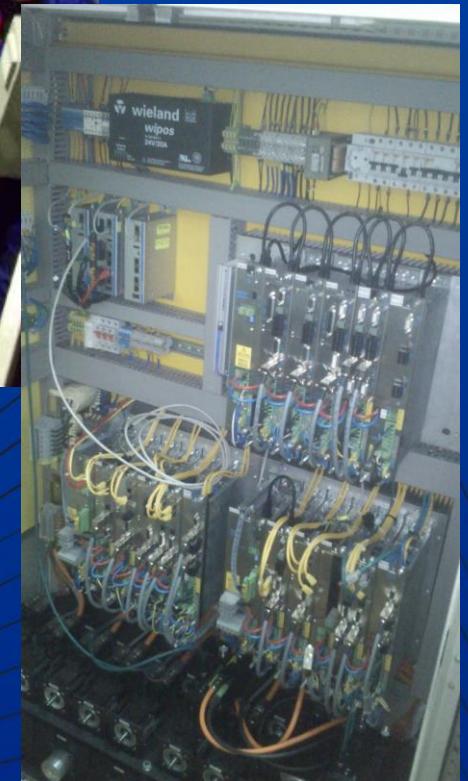
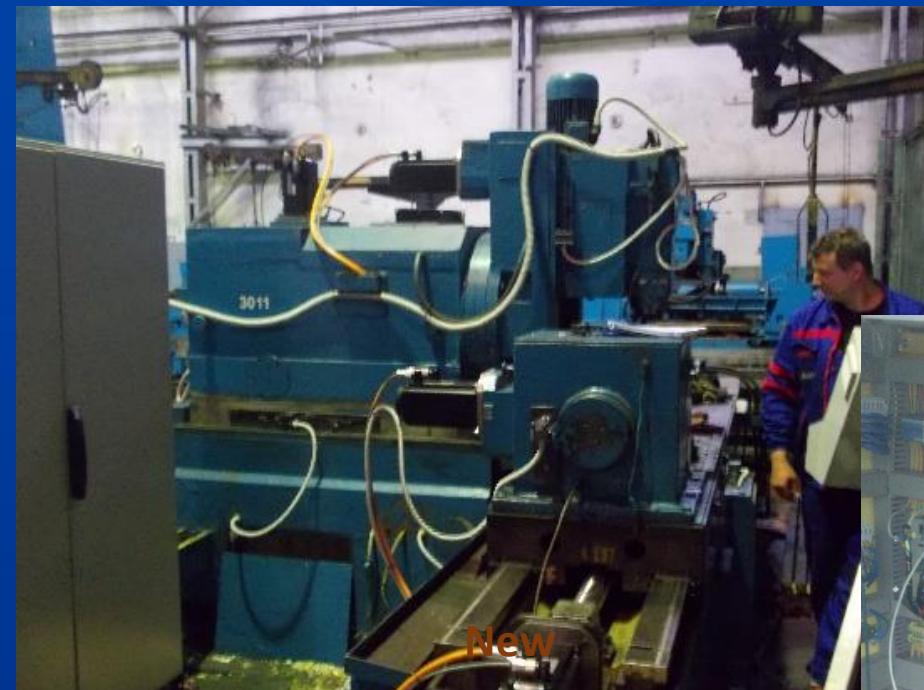


Designed: Edgars Zaicevs
Supervisor: Andris Martinovs

Anthropoid robot, 2020



Upgrading (control system and electric drive) of 5 coordinate milling machine GF2100H2 at Daugavpils Locomotive Repair Factory



Supervisor: Pāvels Narica

Upgrading (control system and electric drive) of 5 coordinate milling machine GF2100H2 at Daugavpils Locomotive Repair Factory



Students work on modernizing milling machine



Articles for the production of which given CNC milling machine is used

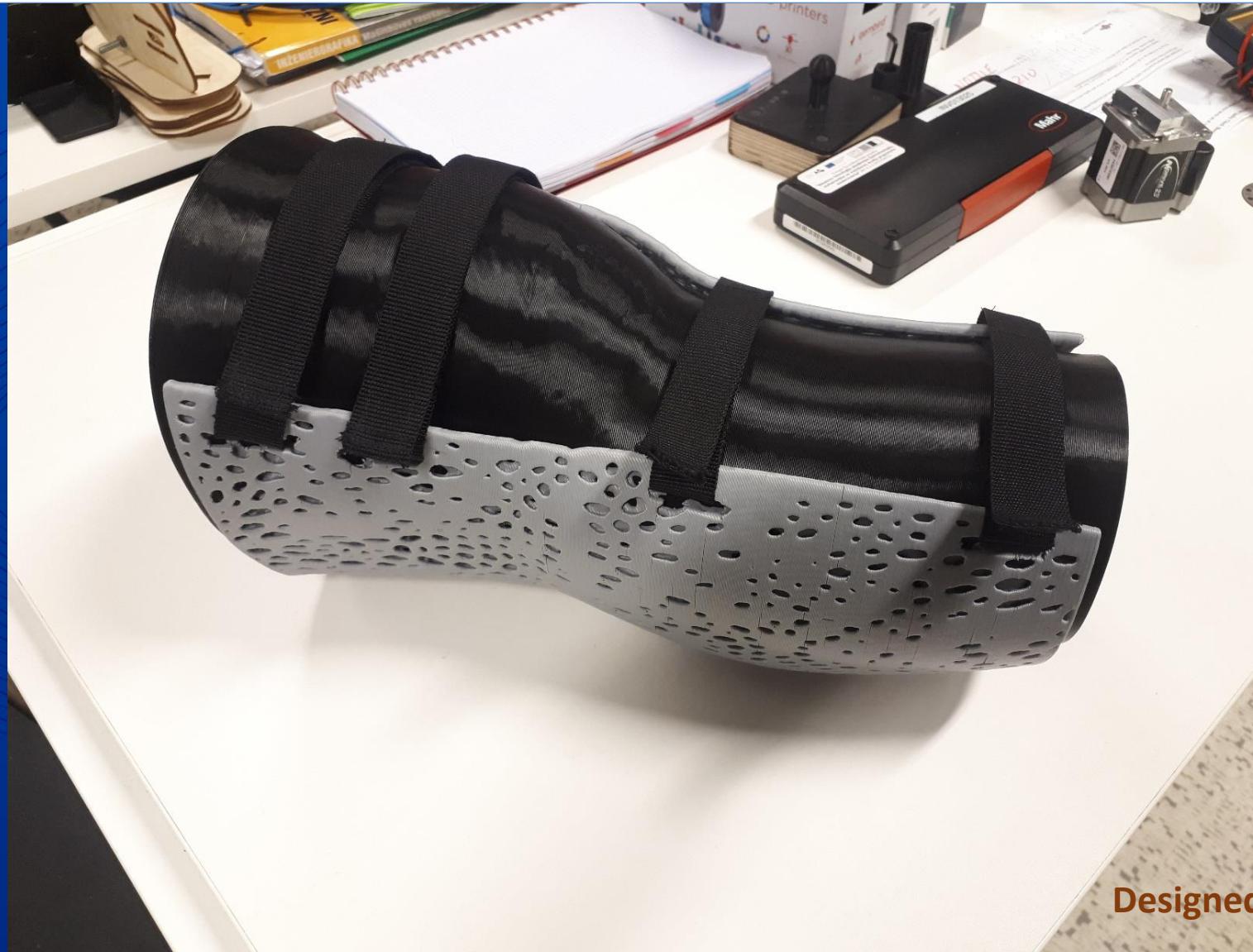


Cylinder liner 6D49

Cylinder liner 14D40

Cylinder liner 2D100

Equipment for stabilizing broken bones



Designed: Edgars Zaicevs, Ritvars Rēvalds



Students are involved in small orders (development and production) in metalworking



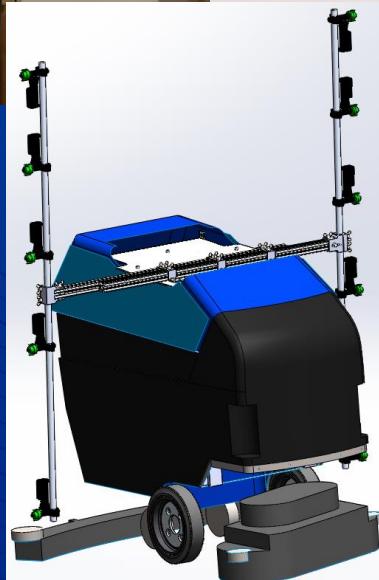
Valsts pētījumu programmas "Covid-19 sekū mazināšanai" projekts
VPP-COVID-2020/1-0004 "Drošu tehnoloģiju integrācija aizsardzībai
pret Covid-19 veselības aprūpes un augsta riska zonās" (Integration
of reliable technologies for protection against Covid-19 in healthcare
and high-risk areas)

Mobile robot for surface disinfection

- liquid disinfectant sprayer for mobile robot
- machine vision system for recognition of objects to be disinfected

Control system of mobile disinfection robot

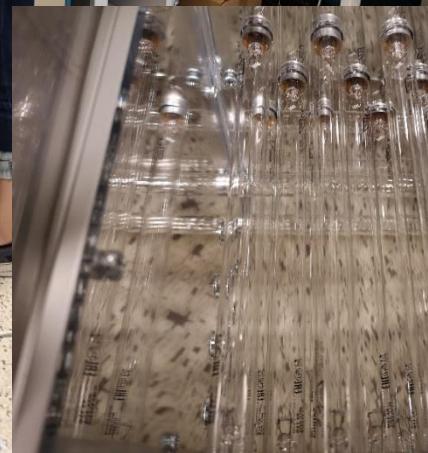
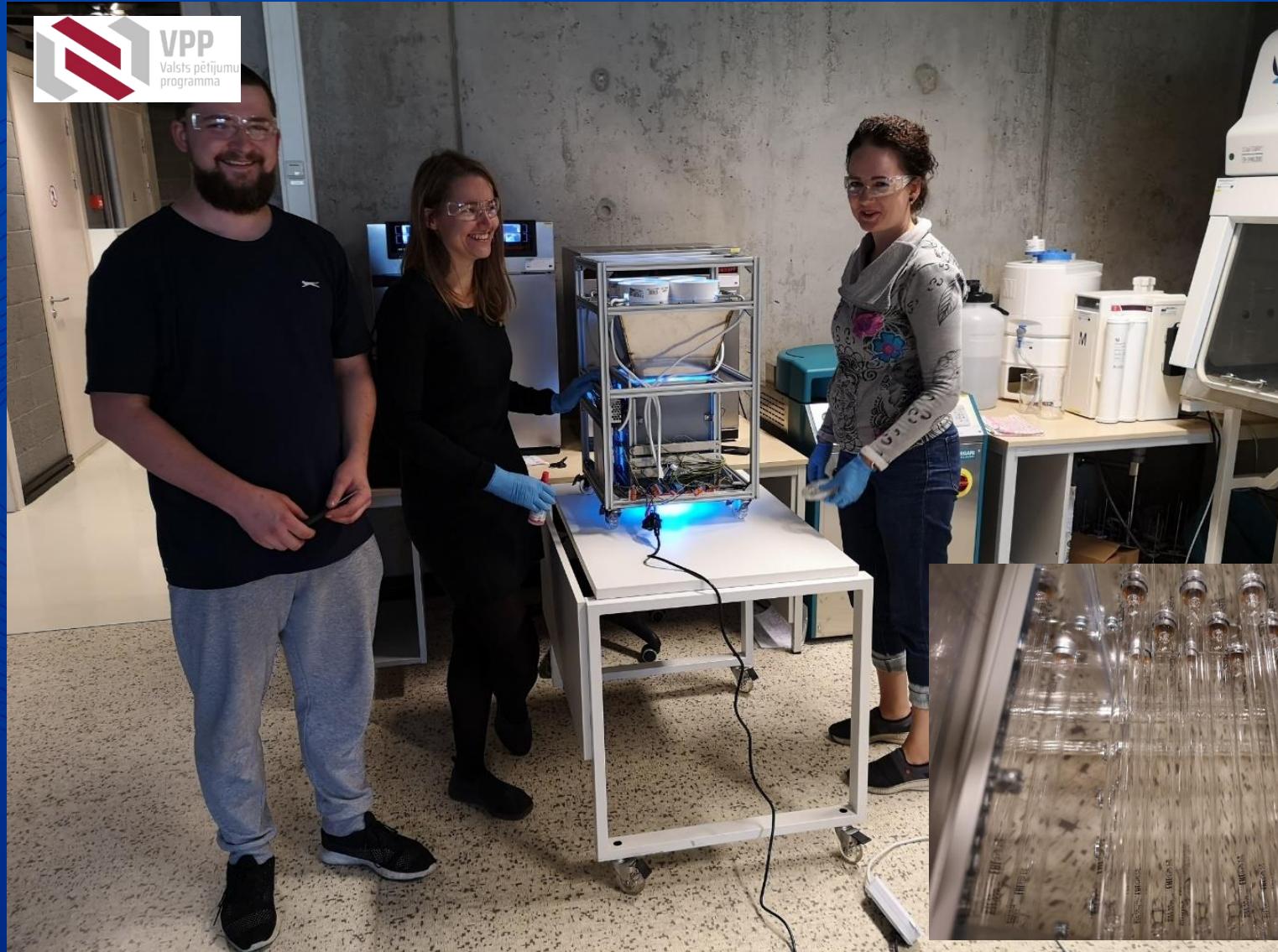
Zinātnieki prezentē inženiertehniskus risinājumus Covid-19 ierobežošanai



Disinfection gate



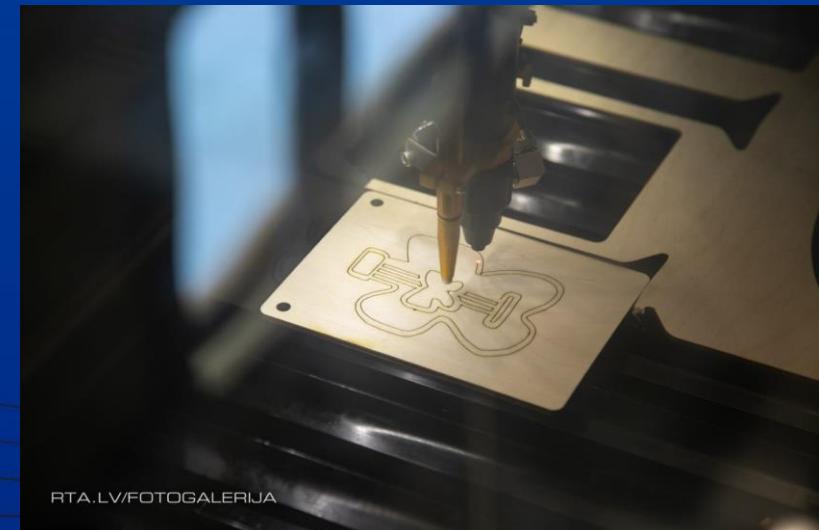
Equipment for surfaces and air disinfection with ozone and UV radiation



Project “Continuously variable transmission for electric micromobility vehicles” KC-PI-2020/62 of Investment and Development Agency of Latvia (LIAA)



RTA INŽENIERU FAKULTĀTES LĀZERTEHNOLOGIJU CENTRS



International Project on Laser Technology 2019



Photo by Maris Justs

Colored laser marking on stainless steel



Colored laser marking on stainless steel



Paldies par uzmanību