
IOCB SERVICE DAYS

20
23

Presentation of services by:
Research-Service Groups / Service Groups / Core Facilities

Development Center

Ondřej Pačes

<http://dc.uochb.cz>



ÚOCHB AV
CR
IOCB PRAGUE

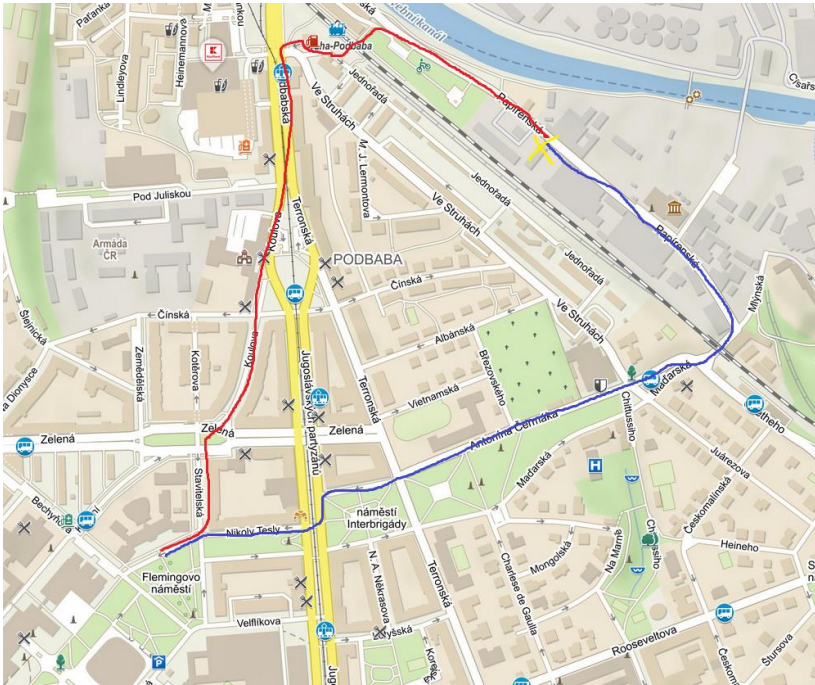


Personnel

- ▶ **Research development** – O. Pačes (Head of Development Center), F. Procházka, M. Knor, T. Bartl
- ▶ **Electronics and software development** – M. Marjanovič, P. Holub, P. Mudra, A. Procházka
- ▶ **Electromechanical service** – D. Kolaja
- ▶ **Mechanical workshop** – P. Poncar, J. Bárta, M. Bílý, F. Vávra
- ▶ **Glassblowers**– J. Všetečka, V. Šprdlík
- ▶ **Administration** – M. Bartáková, M. Špeňarová



Location in Papírenská 7b



Requests

- ▶ Personal contact
- ▶ Albina

Albina

Links:

Logged: Ondřej Pačes

News

Requests

Organisation

Grants

Phone list

Assets

Reports

Warehouse

Issue slips

Create a new request

Request type

1) Orders

Order to Supply

Order to Library

Production

2) Assets

Transfer asset

Dispose asset

Request type

Request state

Reset grid layout

Search

Employee	Type	State	Last change



- ▶ Simple description
- ▶ Name

Albina

Links:

Logged: Ondřej Pačes

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Creating production order

< Back

Grant

400/4 03.Vývojové centrum ÚO...

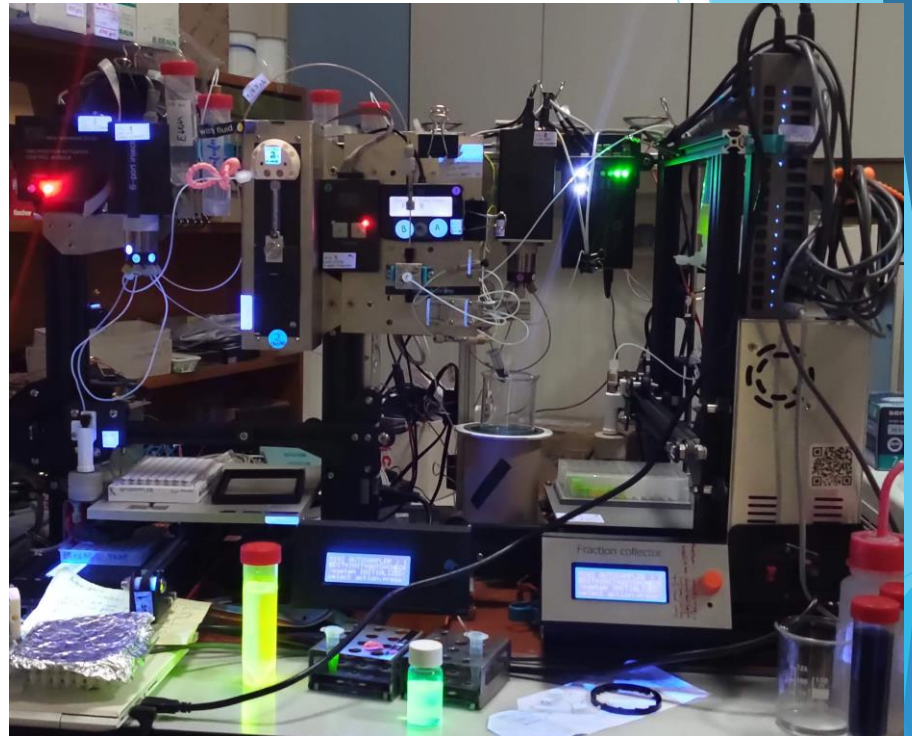
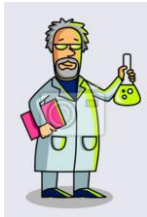
Repair

Description

Broken evaporator, Kolaja

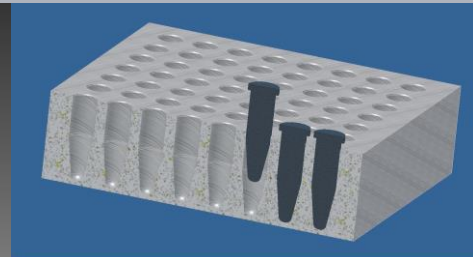
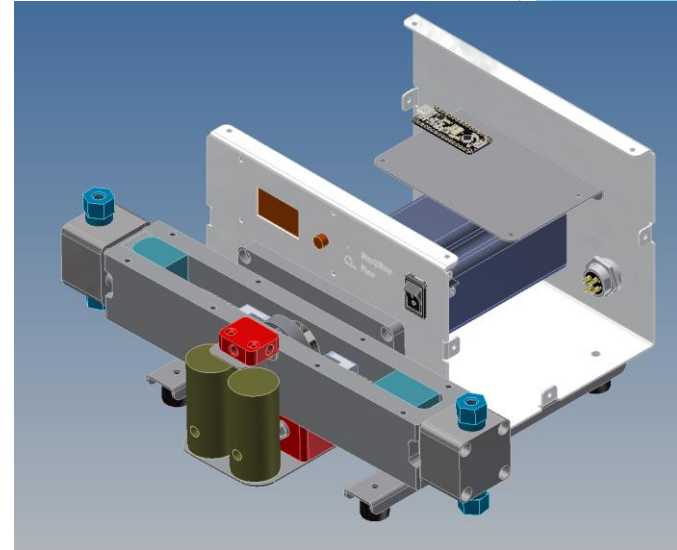
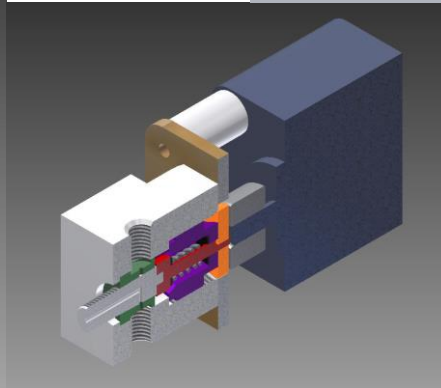
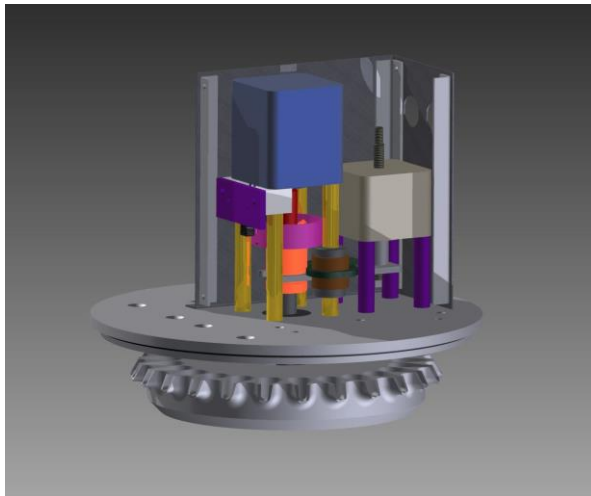
Development way

?



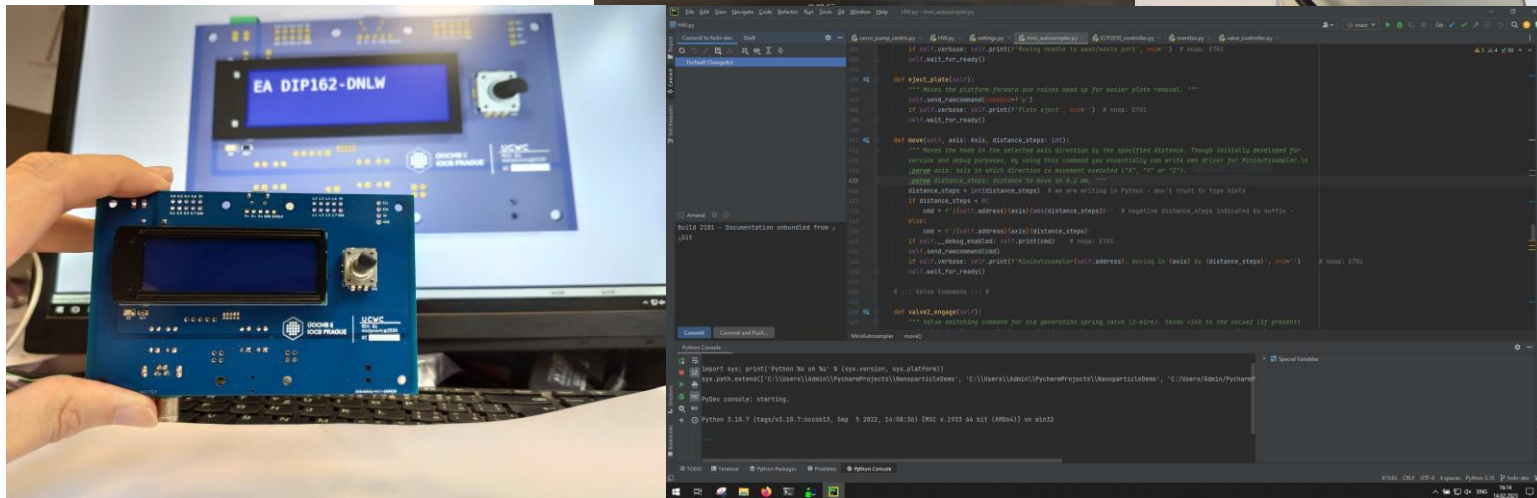
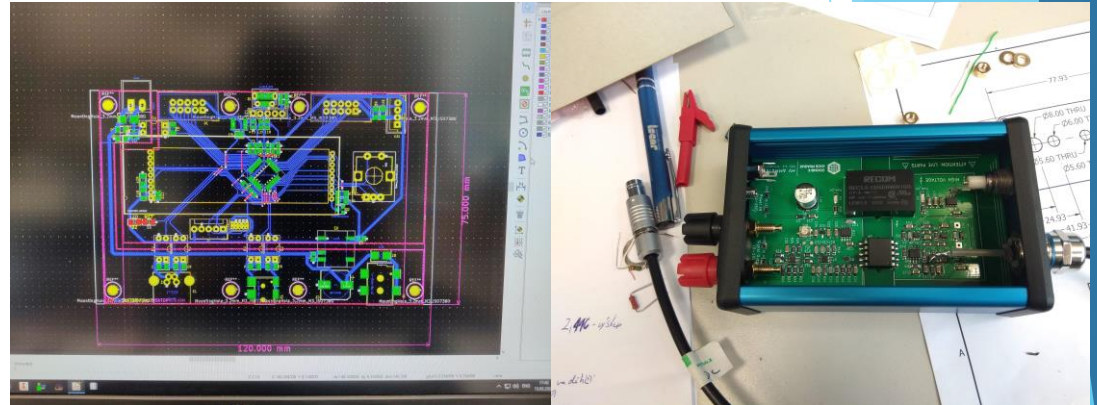
Expertise

- ▶ Mechanical Development
 - ▶ 3D modeling (CAD construction)



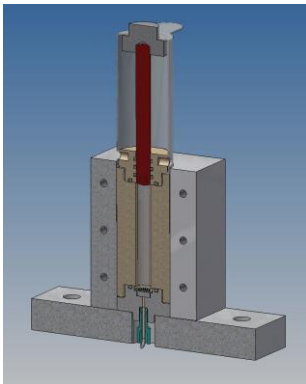
Expertise

- ▶ Electrotechnical Development
- ▶ Software, firmware



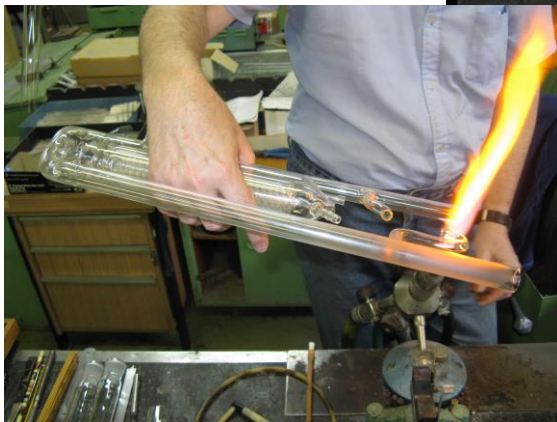
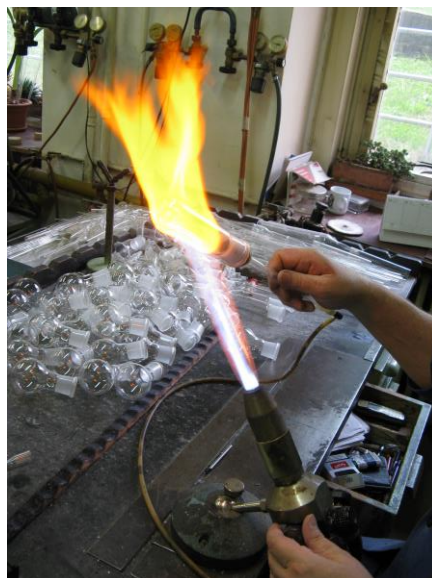
Expertise

- ▶ Machining
 - ▶ CNC programming and producing
 - ▶ Laser (CO₂, NdYAG), CNC milling and turning, 3D printing, EDM machining
 - ▶ PCB



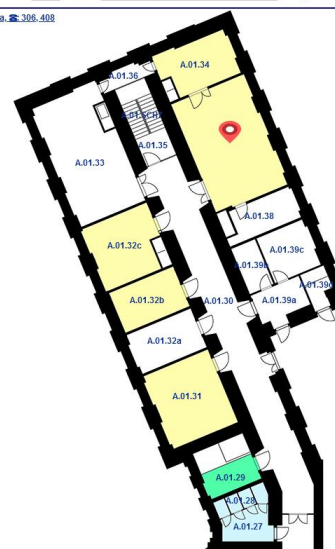
Expertise

- ▶ Glassblowers
- ▶ Inside IOCB building



Budova: A-SZ Podlaží: 01 Místnost: A.01.37 : sklářská dílna Text: ☒ Značka: ☐ Hledat:

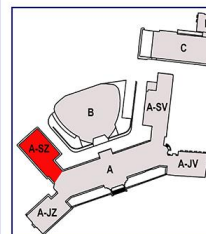
A.01.37 : sklářská dílna 306,408



Podlaží:

4.NP
3.NP
2.NP
1.NP
1.PP
2.PP

Areál:

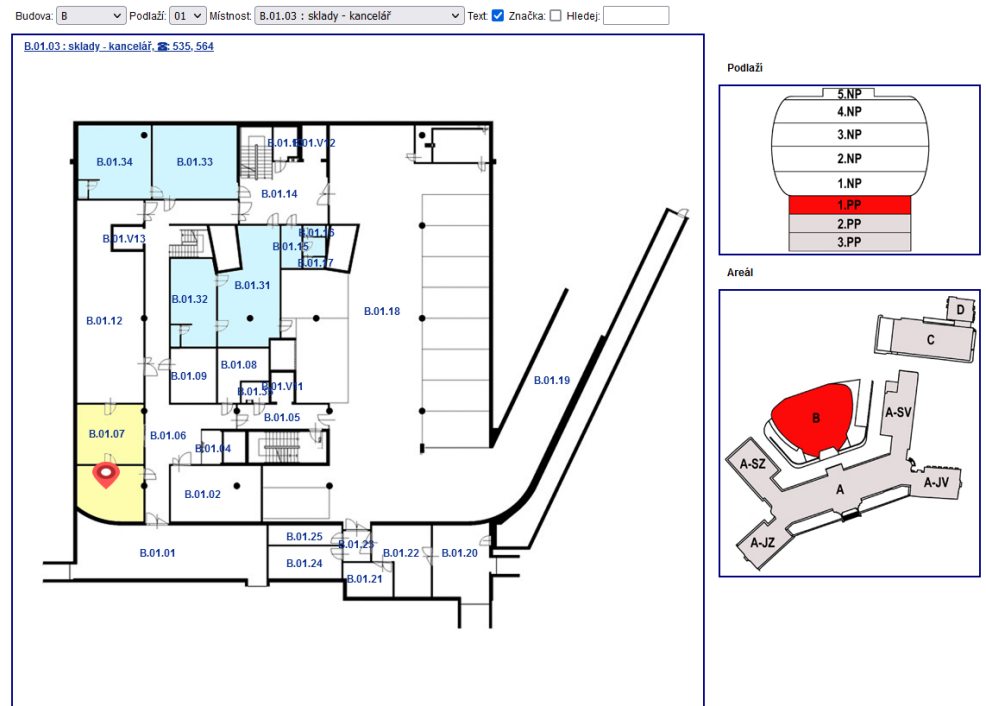


Budova A, 01. podlaží, počet nalezených místností: 19.

Expertise

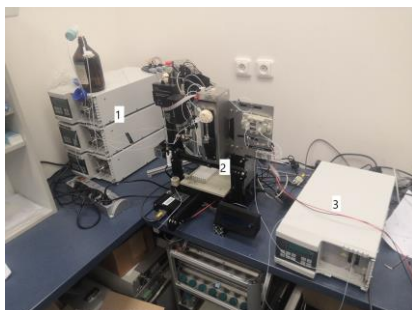
- ▶ Fixing service of Lab equipment

- ▶ Equipment transfer (Mr. Veinlich)
- ▶ Item description and **contact** is required
- ▶ Free (15 hours / 500 CZK)



Examples

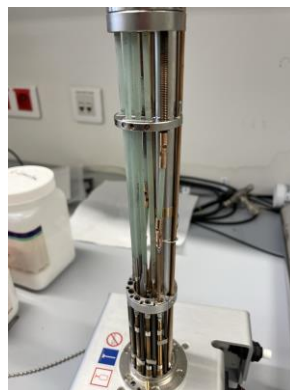
- ▶ mRNA nanoparticle generator (K. Šašková)



- ▶ Raman magnetic cell (P. Bouř)



- ▶ NMR cryo sonde actuator (R. Pohl)



- ▶ ^{177}Lu (M. Polášek)



- ▶ Luer connectors



- ▶ Peptide synthesizer (M. Lebl)



Plans

- ▶ Training
 - ▶ 3D digital modeling
 - ▶ 3D printing
 - ▶ CNC machining
 - ▶ ?



Questions?

<http://dc.uochb.cz>
paces@uochb.cas.cz

