

INTRODUCTION OF THE FIRST YEAR Ph.D. STUDENT

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INSTITUTE OF MACHINE
AND INDUSTRIAL DESIGN

CONTENT

- HOME TOWN
- HOBBIES
- EDUCATION AND WORK EXPERIENCE
- MY THESES
- DISSERTATION
- EDUCATIONAL ACTIVITIES

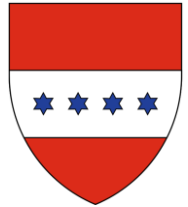


HOME TOWN



Brno

- Industrial history
- Moravian Manchester



Brno – Sever (Černá Pole)

- One of the first residential areas of Brno



Era cafe

(<https://cs.wikipedia.org>)



(<https://zpravy.aktualne.cz>)



Královopolská

(www.kralovopolskasteel.cz)



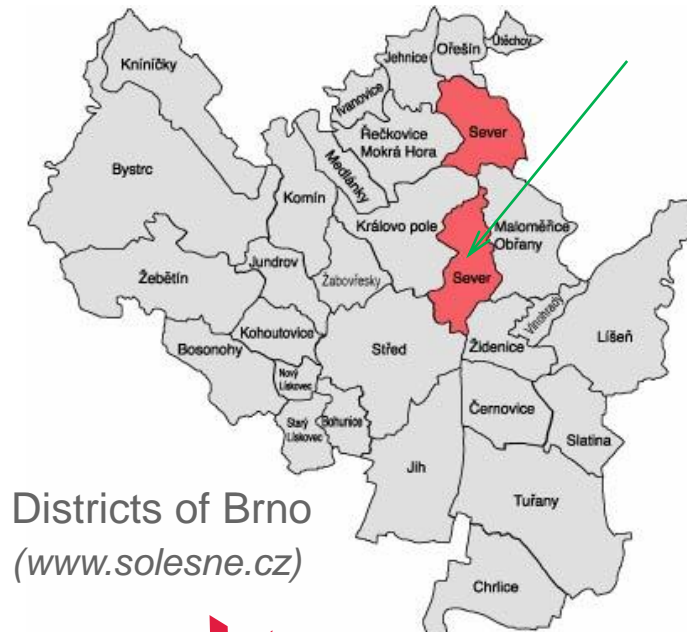
Zbrojovka Brno

(<https://oz.kurzy.cz>)



Vila Tugendhat

(<https://cs.wikipedia.org>)



Districts of Brno
(www.solesne.cz)

HOBBIES

- Biking
- Caving



Babice view, 2020



Rudické propadání, 2021



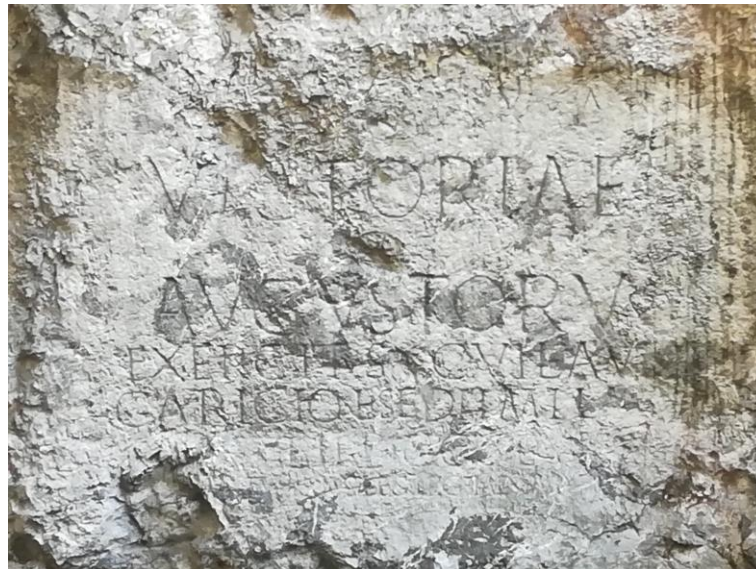
Heroes' Square, Budapest, 2018

HOBBIES

- Ancient Rome



Germania Subacta, Pasohlávky, 2021



Roman Inscription, Trenčín, 2018



Carnuntum, Austria, 2016

EDUCATION

Secondary school

- SPŠ a VOŠ Sokolská 1, Brno (2011 – 2015)

University – Bachelor's degree

- BUT FME, Brno (2015 – 2019)

University – Master's degree

- BUT FME, Brno (2019 – 2021)



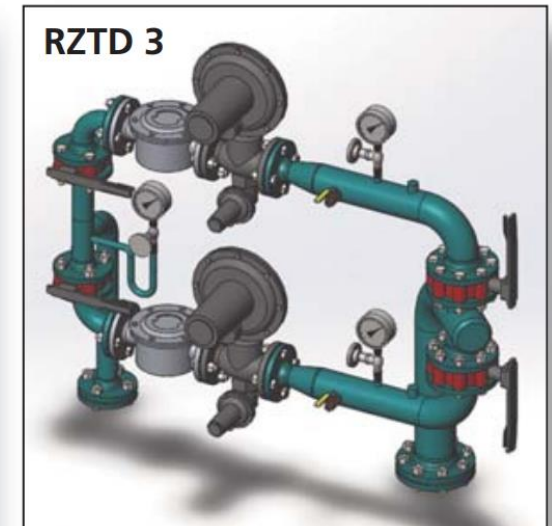
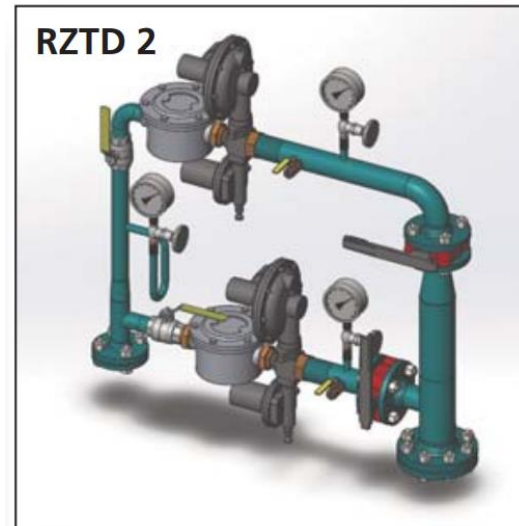
SPŠ a VOŠ Sokolská 1, Brno
(<https://cs.wikipedia.org>)



BUT FME, Brno
(<https://www.fme.vutbr.cz>)

WORK EXPERIENCE

- 2014 – 2019 Hutira – Brno, s.r.o. Design work
- 2018 – 2019 ABB Assistant designer

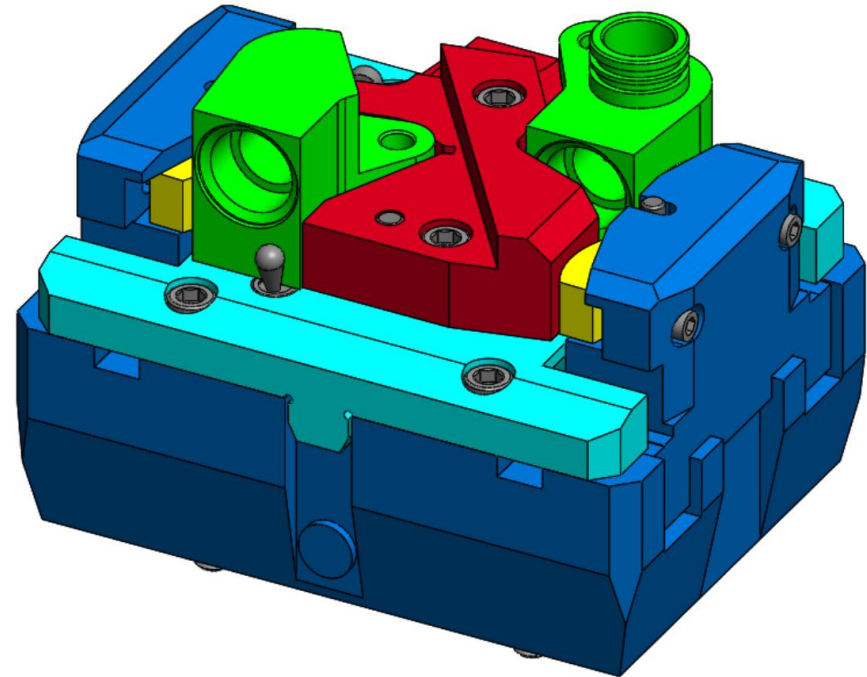


Example of my work
(<https://www.hutira-brno.cz>)

BACHELOR THESIS

DESIGN OF CLAMPING DEVICE FOR MACHINING OF MANIFOLD PART

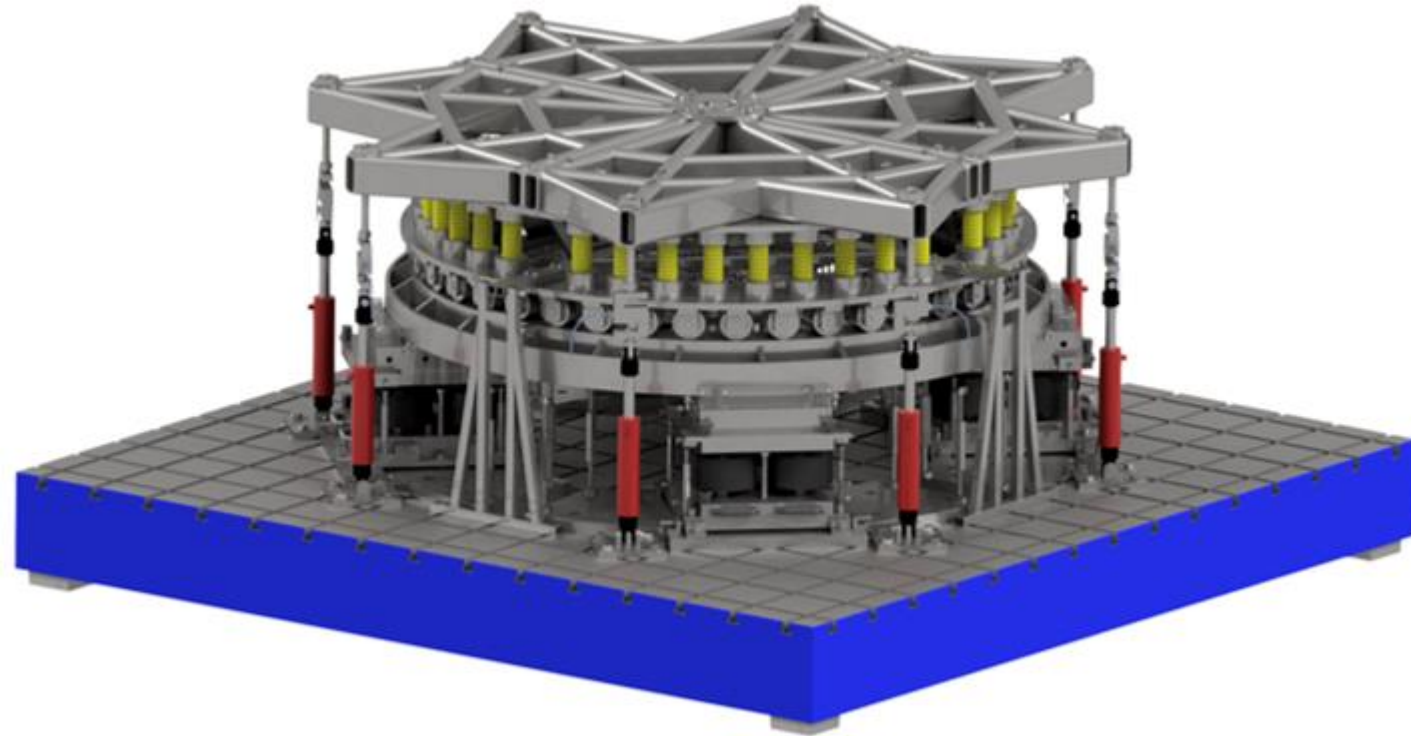
- **Supervisor:** doc. Ing. Petr Svoboda, Ph.D.



DIPLOMA THESIS

DESIGN OF HYDROSTATIC BEARING FOR THEATER TURNTABLE

- **Supervisor:** doc. Ing. Petr Svoboda, Ph.D.



DISSERTATION

RESEARCH AND DEVELOPMENT OF HYDROSTATIC BEARING BASED ON ADAPTIVE CONTROL LOOPS

- **Supervisor:** doc. Ing. Petr Svoboda, Ph.D.
- **Co-Supervisor:** Ing. Petr Šperka, Ph.D.



(<https://www.zollern.com>)

rexroth
A Bosch Company

(<https://www.boschrexroth.com>)

EDUCATION ACTIVITIES

Teaching:

3CD AutoCAD and Inventor

Learning:

9MOP Methodologies of Scientific Work
9VPR Research project and Its Management
9AJ English for Doctoral Degree Study
9EXT Experimental Methods in Tribology
9EHD Elastohydrodynamics
GHP Hydraulic and Pneumatic Mechanisms

THANK YOU FOR YOUR ATTENTION

Jan Foltýn

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www.ustavkonstruovani.cz