

INTRODUCTION OF THE FIRST YEAR Ph.D. STUDENT

Author: Jakub Slavíček

ÚSTAV KONSTRUOVÁNÍ
Fakulta strojního inženýrství
VUT v Brně

Brno, 15.10.2020



CONTENT

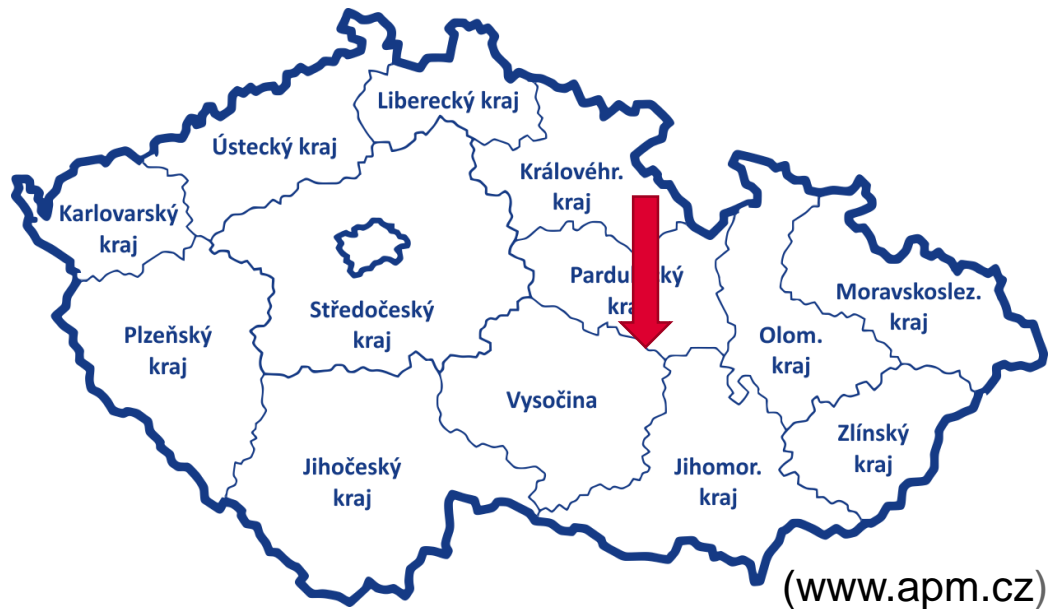
- **About myself**
- **Hobbies and interests**
- **Education**
- **Dissertation thesis**
- **Teaching and learning activities**



ABOUT MYSELF

Korouhev

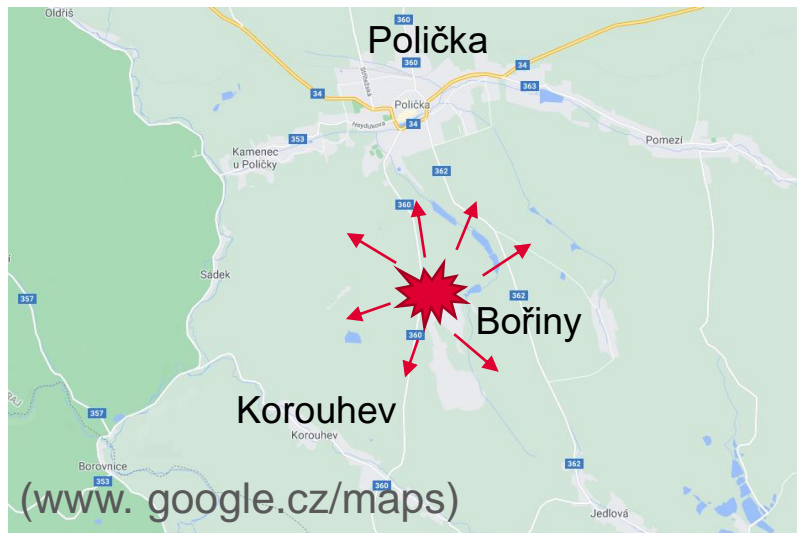
- Village - 816 residents, 3 settlements
- Peter and Paul's church – 13. century



ABOUT MYSELF

Polička

- City – 8,8 thousand residents
- Rich cultural live – festivals
- Mushroom hunting +



„V Poličce explodovaly tuny střelného prachu“



HOBBIES AND INTERESTS

Sports

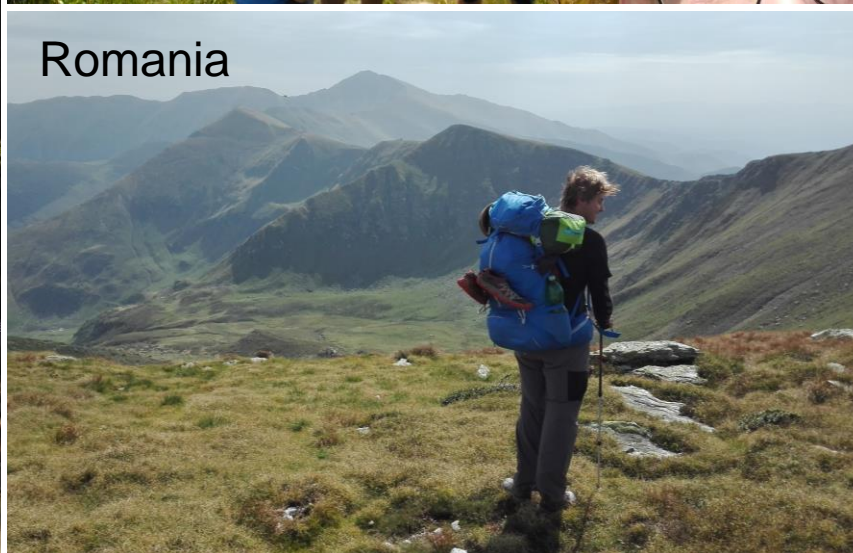
- Ice hockey, florboll
- Bouldering, skiing
- Swimming, badminton



HOBBIES AND INTERESTS

Traveling

- Mountains



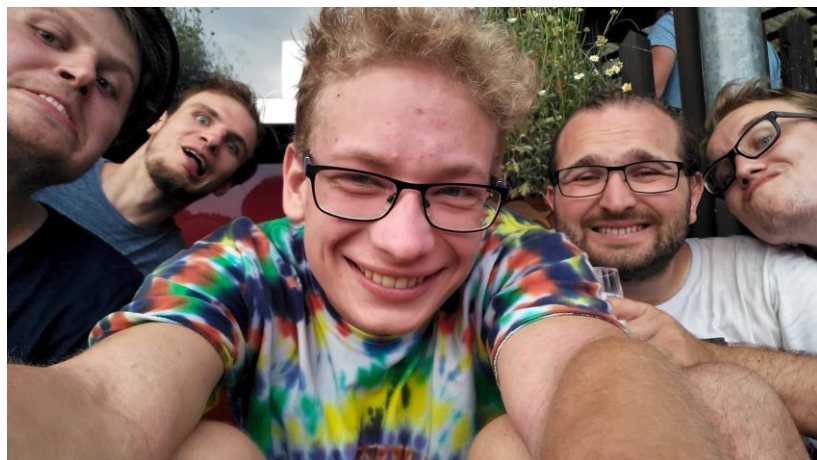
Russia (Kaliningrad)



HOBBIES AND INTERESTS

Culture

- Music festivals
- Drumming
- Chill with friends



EDUCATION

Secondary school

- Gymnázium Polička
(2007-2015)



University

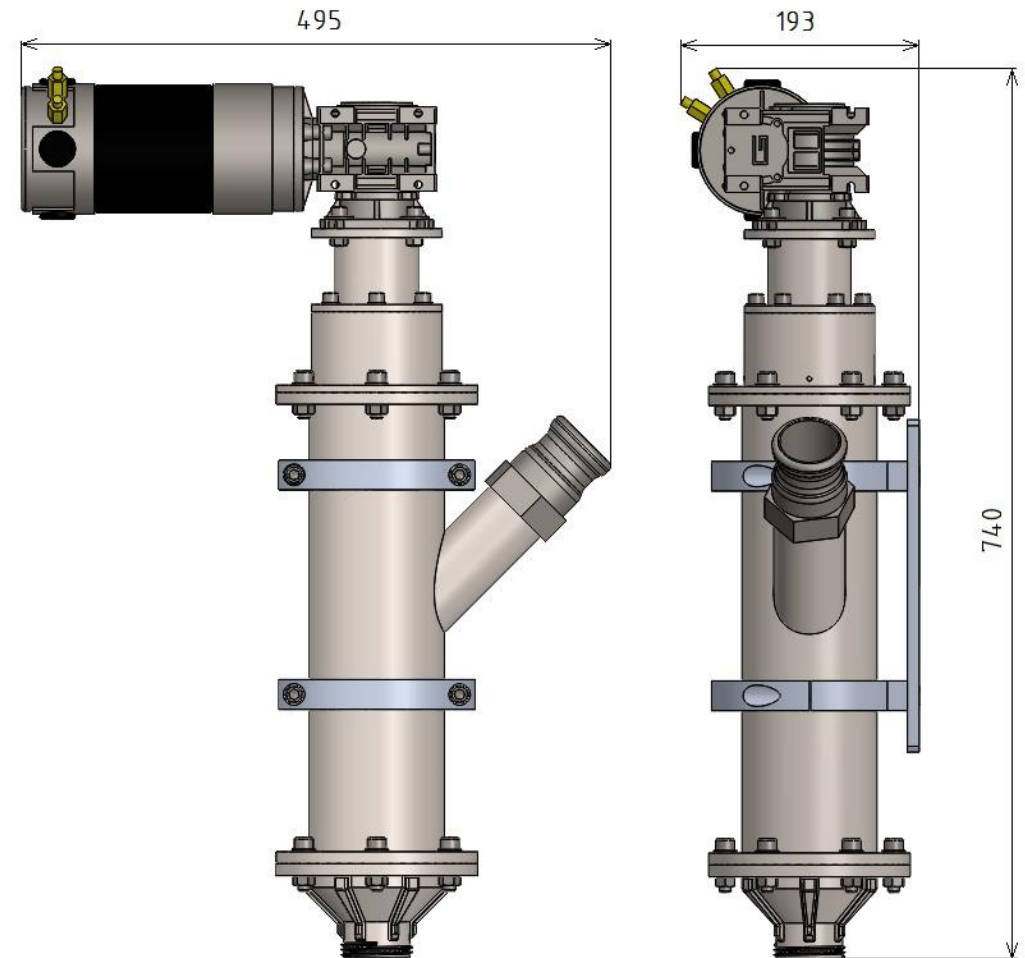
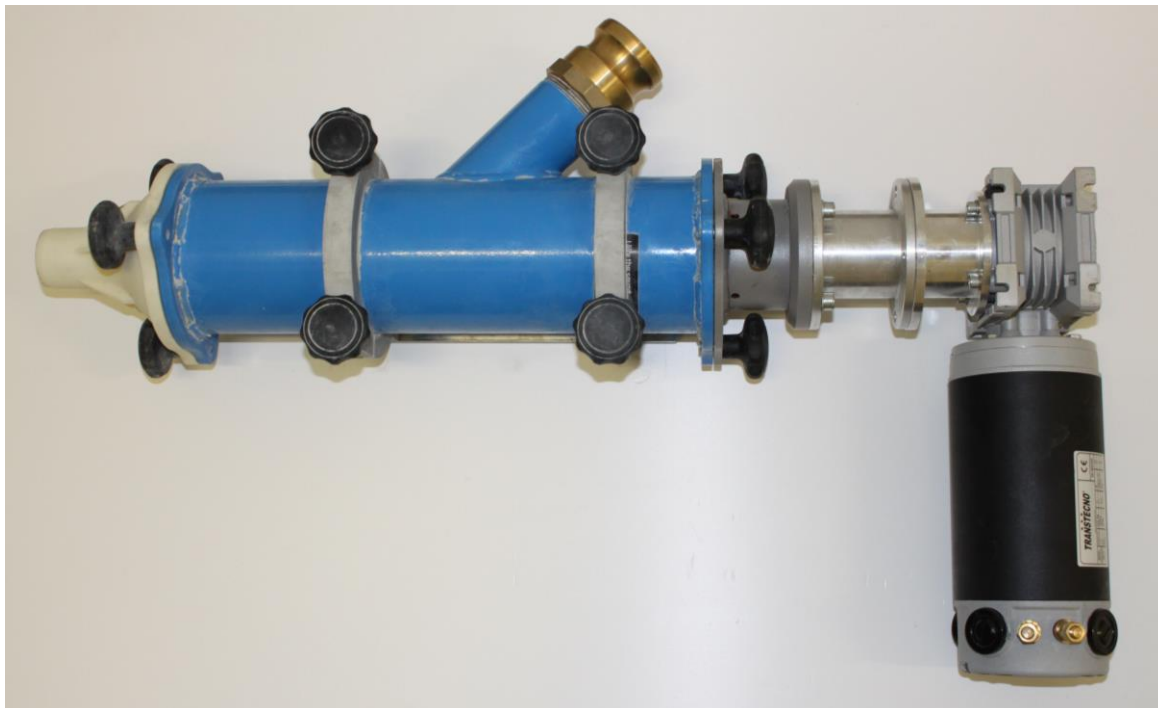
- Bachelor degree – BUT, FME, Fundamentals of Mechanical Engineering (2015-2018)
- Master degree – BUT, FME, Mechanical Engineering (2018-2020)



BACHELOR THESIS

Mechanical design of 3D printer head for manufacturing of concrete parts

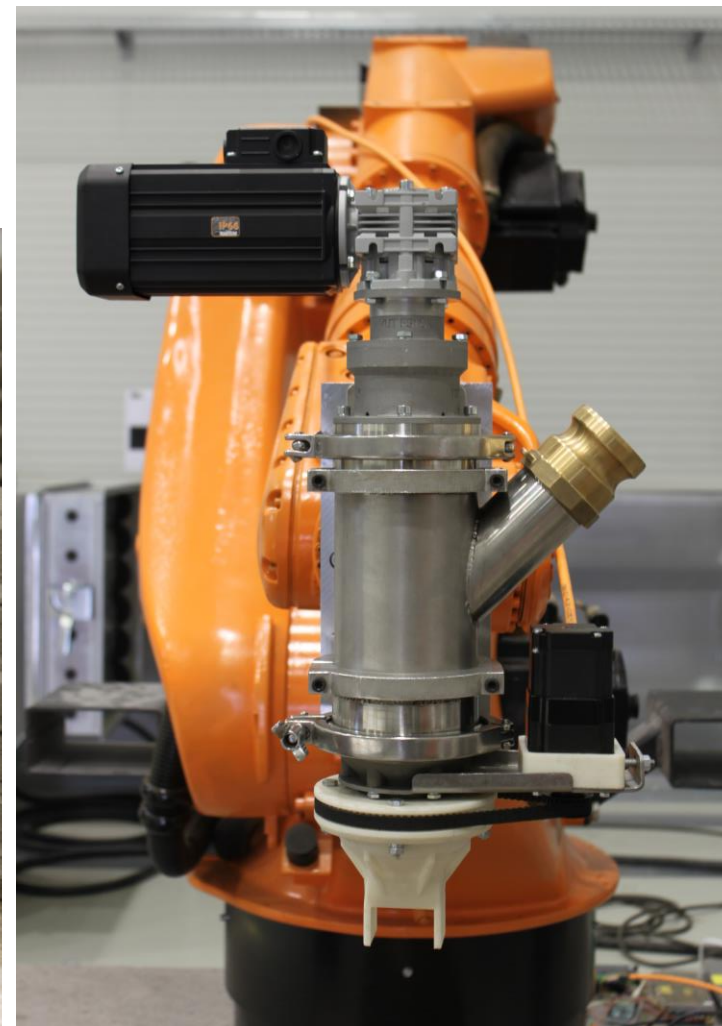
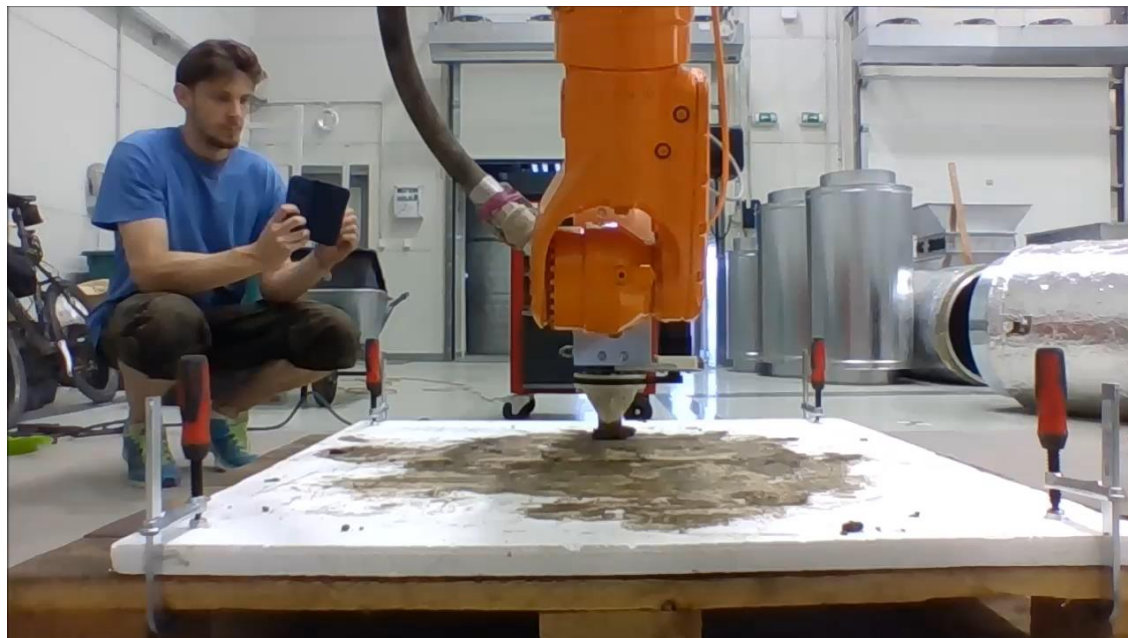
- Supervisor: doc. Ing. David Paloušek, Ph.D.



MASTER THESIS

Mechanical design of 3D printing head for concrete mixtures

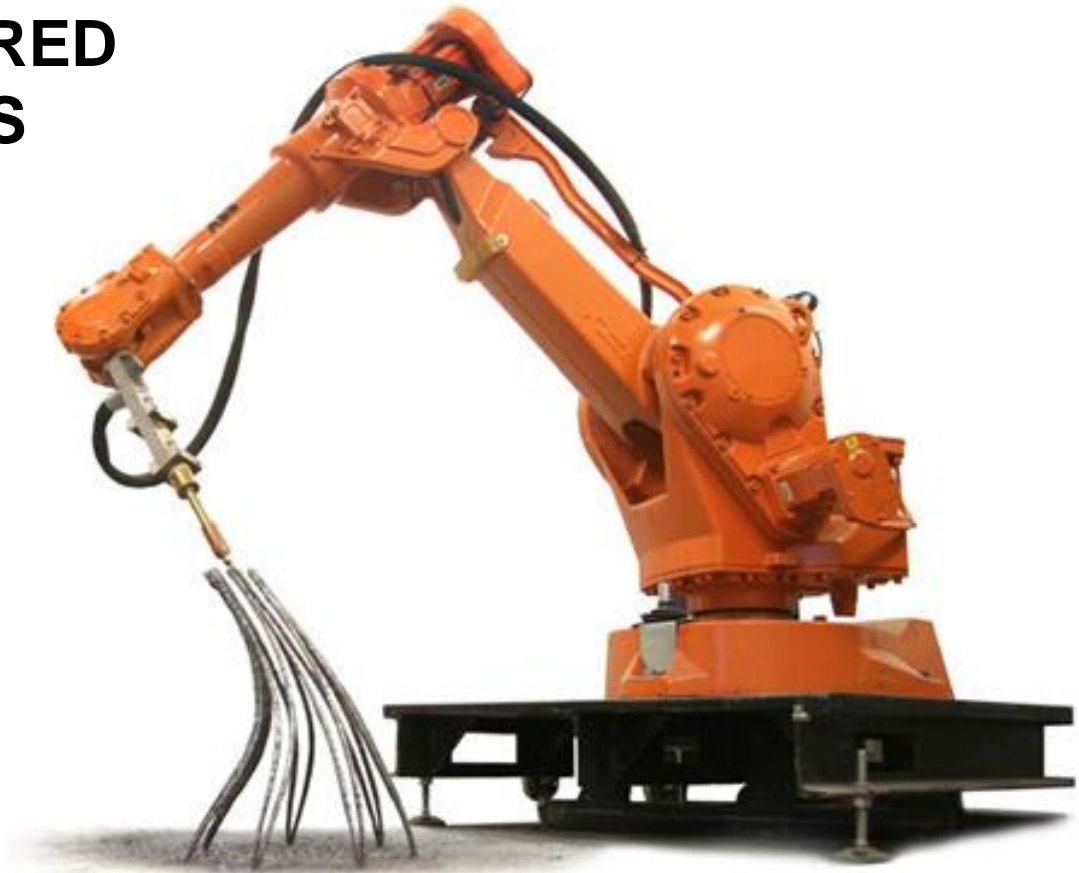
- Supervisor: doc. Ing. David Paloušek, Ph.D.



DISSERTATION THESIS

ADDITIVE MANUFACTURING OF STRUCTURED COMPONENTS FROM MAGNESIUM ALLOYS

- Supervisor: doc. Ing. Daniel Koutný, Ph.D.
- Co-supervisor: doc. Ing. David Paloušek, Ph.D.



Arc wire (www.additivemanufacturing.media)

EDUCATION ACTIVITIES

Teaching

- 3CD – CAD

Learning

- 9MOP – Methods of Scientific Work
- 9VPR – Research Project and Its Management
- 9AJ – English for Doctoral Degree Study
- 9PLE – Design of experiment
- 9TTS – Theory of Fusion Weldability of Metals

THANK YOU FOR YOUR ATTENTION

Jakub Slaviček

183164@vutbr.cz



ÚSTAV
KONSTRUOVÁNÍ

www.ustavkonstruovani.cz