

Short curriculum vitae

Academic qualification

2022 **Ph.D.** degree in Applied Mathematics, VŠB-Technical University of Ostrava

2014 Master degree (**Ing.**) in Applied Mathematics, VŠB-Technical University of Ostrava

Work experience

2013 - now Department of Applied Mathematics and Computational Sciences, Institute of Geonics of the Czech Academy of Sciences, Ostrava (2014-2022 Ph.D. student, from 2022 postdoc)

Professional interests

- **Mathematical and numerical analysis** – preconditioners and solvers for linear systems that arise as Finite Element discretization of systems of partial differential equations, their well-posedness and suitable discretizations.
- **Poroelasticity** – modelling of hydromechanical systems.
- Python as a tool for pre- and post- processing of numerical computations, data analysis and visualizations.