

## Short curriculum vitae

Born in Ostrava, Czech Republic

### Academic qualification

- 1992 **CSc.** (Ph.D.), Institute of Geonics of the Czech Academy of Sciences in Ostrava
- 1982 **RNDr.** (Doctor of Natural Sciences), Charles University in Prague, Faculty of Mathematics and Physics
- 1974 Master degree in Numerical Mathematics, Charles University in Prague, Faculty of Mathematics and Physics

### Work experience

- 1979 - now Research worker, Institute of Geonics of the Czech Academy of Sciences in Ostrava, Department of Applied Mathematics and Computational Sciences,
- 1977 - 1979 Computer programmer, Ironworks Třinec / Třinecké železářny
- 1975 - 1977 Research worker, VŠB – Technical University of Ostrava, Faculty of Mining and Metallurgy, Department of Mining Geotechnics

### Professional interests

- Numerical methods and their applications in mechanics and thermomechanics.
- Homogenization techniques in micro-mechanics.
- Inverse analysis techniques for identification of parameters.
- Finite element method.
- Parallel programming.