

Short curriculum vitae

Born in Prešov, Czechoslovakia

Academic qualification

1999 **CSc.** degree in Mining of deposits, Mining Institute AS CR

1983 Master degree (**Mgr.**) in Numerical mathematics and cybernetics,
Moscow State University

Work experience

1984 - now Department of Applied Mathematics and Computational Sciences,
Institute of Geonics of the Czech Academy of Sciences, Ostrava

1992 - now Department of Informatics and Computers, Faculty of Science,
University of Ostrava

Fellowship

2005 Austrian Academy of Science, Wien, Commission of Visualization

2009 Central Institute of Mining and Fuel Research, Dhanbad, India

Professional interests

- **Geometric modelling** – triangulation methods, mesh quality.
- **Image processing** – CT scanning for geotechnical applications.
- **Inverse analysis techniques** for parameter identification.