

## Curriculum Vitae

### Personal Information

Name: Libor Machala  
Date of Birth: 31.5.1974  
Academic Position: Associate Professor  
Institution: RCPTM, Palacký University in Olomouc



### Academic Qualifications

**MSc. study:** Faculty of science, Palacký University in Olomouc, Mathematics, Physics, 1997 finished

**Ph.D. study:** Faculty of Science, Palacký University in Olomouc, Physics and metrology, 2002 finished

**Associate Professor:** Faculty of Science, Palacký University in Olomouc, Applied Physics, 2010

### Academic Employment

2002 – 2010 Assistant professor, Department of experimental physics, Palacký University in Olomouc, Czech Republic

2010 – Associate professor, Department of experimental physics, Palacký University in Olomouc, Czech Republic

2010 - Leader of a research team at regional Centre of Advanced technologies and Materials, Palacký University in Olomouc, Czech Republic

### Statement of Research

Synthesis, characterization and applications of iron oxide based nanomaterials, thermal decomposition, solid-state reactions, Mössbauer spectroscopy, ferrates and their preparation by solid-state reactions, polymorphous transitions of ferric oxide