

prof. Ing. Libor Čapek, Ph.D.

Date and place of birth: 1.1.1975, Pardubice, Czech Republic

Education and Academic Degree

- 1998 **Engineer (Ing.)**, University of Pardubice, Faculty of Chemical Technology, Department of Physical Chemistry, Diploma title: "Accumulation of heat in aqueous solutions involving a running chemical reaction".
- 2004 **Ph.D.**, in Physical Chemistry at the University of Pardubice in cooperation with J. Heyrovsky Institute of Physical Chemistry, Academy of Sciences of the Czech Republic, Thesis title: "Structure of Co sites in beta zeolites. Selective catalytic reduction of NO with propane under water vapor presence over Co-zeolites"
- 2009 **Assistant Professor (doc.) of Physical Chemistry** at the University of Pardubice, Habilitation Thesis "Feasibility of heterogeneous catalysts in environment protection"
- 2017 **prof.** of Physical Chemistry at the University of Pardubice

History of Employment

- 2000-2005 Research position with Dr. B. Wichterlová at J. Heyrovsky Institute of Physical Chemistry, Academy of Sciences of the Czech Republic
- 2005-present University of Pardubice, Faculty of Chemical Technology
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|----------------|------------------------------------------|
| 2005 – 2009 | senior lecturer |
| 2009 – 2017 | assistant professor |
| 2017 – present | professor |
| 2018 – 2022 | head of Department of Physical Chemistry |
| 2019 – 2020 | vice-dean for research |
| 2020 – 2022 | vice-rector for research and development |
| 2022 – | rector |

Award

- 2004 Award of ministry of education for excellent students and graduates

Lecturing and student supervising

- Lecturing of Heterogeneous catalysis, Industrial catalysis, Environmental catalysis and Chemical Kinetics

Publications activity

Total number of manuscripts based on WOS: **97**

Total number of citation from Web of Science) – **2840**

H-index = **31**

Research Interests: Physical Chemistry, Chemical Engineering, Heterogeneous catalysis and Photocatalysis.