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Education

- MSc., Mechanical Engineering, 1996, Czech Technical University in Prague
- Ph.D in Process Engineering, 2004, Czech Technical University in Prague

Academic experience

- associate professor, Czech Technical University in Prague, 2012 – present
- assistant professor, Czech Technical University in Prague, 1999 – 2012

Teaching experience

- Graduate and undergraduate courses: Chemistry, Physical Chemistry, Industrial Chemistry, Momentum & Heat and mass transfer operations, Diffusion Separation Processes, Waste Water Treatment and Gas Purification.
- Co-author of 1 textbook, author of 3 electronic textbooks.

Research activities

The major fields of research are:

- Process Engineering (mass and enthalpy balancing of production lines, mass transfer-diffusion operation).
- Environmental Engineering (wastewater treatment, flocculation).
- Mixing (mechanical mixing, aspects of heterogeneous mass transfer).
- Physical Chemistry.

Results have been published in 97 papers presented in international journals and in proceedings and presented on numerous international and national conferences.

Industrial experience

- Co-author of several technical or development projects under contracts with industry.

Scientific society membership

- Czech Society of Chemical Engineering, member.

Bibliometric data

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| • Web of Science (CC): Sum of Times Cited incl.self-citation / H-index | 65/4 |
| • Scopus: Sum of Times Cited incl.self-citation / H-index | 81/3 |

