

## PROFESSIONAL CV

**Prof. Ing. Jana Dobrovská, CSc.**

*Professor at the Department of physical chemistry and theory of technological processes, Faculty of Materials Science and Technology, VŠB–Technical University of Ostrava, Czech Republic.*

Born: 1966  
Nationality: Czech Republic  
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### **Academic and scientific qualification**

1988 – Ing. (M.Sc. equivalent)	VSB-Technical University of Ostrava, Faculty of Metallurgy
1992 – CSc. (P.hD. equivalent)	Czechoslovak Academy of Science, Institute of Theory of Metallurgical Processes, branch Metallurgy of Metals
1999 – Doc. (Associate professor)	VSB-Technical University of Ostrava, branch Chemical Metallurgy
2006 – Prof. (Full Professor)	VSB-Technical University of Ostrava, branch Chemical Metallurgy

### **Professional experience**

1988 – 1993	Czechoslovak Academy of Science, Institute of Theory of Metallurgical Processes; <i>Occupation or position held:</i> researcher; <i>Main activities and responsibilities:</i> Research and scientific activity, PhD. thesis
1993 – up to now	VSB-Technical University of Ostrava, Faculty of Materials Science and Technology (formerly Faculty of Metallurgy and Material Engineering); <i>Occupation or position held:</i> Full Professor and Head of department of Physical Chemistry and Theory of Technological Processes (since 2001); <i>Main activities and responsibilities:</i> Responsible for research and development of department, teaching activity, scientific activity, research and scientific projects management. Tutor of doctoral students in the branches "Fire Protection and Industrial Safety", "Chemical Metallurgy" and "Metallurgical Technology".
2010 – 2018	Regional Materials Science and Technology Centre, FMST, VSB-TU Ostrava; <i>Occupation or position held:</i> Senior researcher; <i>Main activities and responsibilities:</i> Research and scientific activities.
2014 – up to now	Dean of Faculty of Materials Science and Technology, VSB-Technical University of Ostrava

### **Main research activities**

- Transport phenomena in liquid and solid metal systems
- Study of thermodynamic, thermophysical and kinetic properties of metallic and oxide systems
- Modeling of selected physicochemical phenomena in technological processes

Responsible investigator of several projects funded by Czech Scientific Foundation and the Ministry of Industry and Trade of Czech Republic, co-investigator of more than 20 domestic and foreign grant projects (CSF, MIT CR, MEYS CR, COST, EUREKA, OP RDI).

**Publication activity**

Author or co-author of more than 300 original professional works, of which:

4 monographs,

120 publications on Web of Science (43 publications in journals),

110 publications in Czech and foreign peer-reviewed journals not listed on WoS,

150 publications in proceedings of international conferences held abroad and in the Czech Republic and not listed on WoS (qualified estimate)

and aprox. 35 scientific research reports on grant projects

H-index (WoS) = 12

H-index (Scopus, exclude self citations) = 8

Mother language Czech

Other language(s) English, Russian, German

Other language(s) <i>European level (*)</i>		Understanding				Speaking				Writing	
Self-assessment		Listening		Reading		Spoken interaction		Listening			
English		B2	Independent user	C1	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user
Russian		C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user
German		A2	Basic user	B1	Independent user	A2	Basic user	A2	Basic user	B1	Independent user

(\*) *Common European Framework of Reference for Languages European level (\*)*