

Petra Šulcová

University of Pardubice, Faculty of Chemical Technology, Head of Department of Inorganic Technology, Studentská 573, 532 10 Pardubice, Czech Republic
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Education:

- 2009: professor in field „Chemistry and Technology of Inorganic Materials“, Faculty of Chemical Technology, University of Pardubice;
2002: conferment in field „Chemistry and Technology of Inorganic Materials“, Faculty of Chemical Technology, University of Pardubice;
1997: Ph.D., in field „Inorganic Technology“, Faculty of Chemical Technology, University of Pardubice;
1993: Ing., in field „Technology of Inorganic Production“, Institut of Chemical Technology (VŠCHT Pardubice).

Profession:

- 2010 – professor, University of Pardubice
2002 – 2010 associate professor, University of Pardubice
1997 – 2002 assistant professor, University of Pardubice

Pedagogical activities:

- lectures in experimental methods for characterization of powdery materials and technology of inorganic production;
- supervision of bachelor (approx.20), master (approx. 40) and doctoral theses (approx. 10).

Membership in national scientific societies:

- chairwoman of Czech Group for Thermal Analysis (from 2008);
- Czech Chemical Society (from 2013 a member of the executive board of Czech Chemical Society);
- Czech Society of Industrial Chemistry.

Membership in editorial boards of journals:

- associate editor of „Journal of Thermal Analysis and Calorimetry“.

Scientific interest:

Chemistry and synthesis of inorganic materials, especially the research of high performance inorganic pigments and powder materials, their application possibilities for ceramic glazes, organic binders and building materials. High-temperature syntheses of pigments and evaluation of their colour and optical properties, thermal behaviour and stability. Utilization of methods of thermal analysis for solid-state reaction.

Number of Publications: 80

Number of Citations: 399 without self-citations

h-index: 13