

# LIST OF RESEARC PROJECTS, BACHELOR, MASTER AND DOCTORAL THESES PERFORMED IN THE LABORATORY OF CARBONACEOUS MATERIALS

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## PROJECTS

**1996 - 1997.** Project supported by Lithuanian Innovation Centre "*Humidity and organic solvent sensors*"

**1992 - 1993.** Project supported by Lithuanian State Science Foundation "*Synthesis of composite carbonaceous materials*"

## DOCTORAL THESIS

**2005.** M. Dervinytė. "*Synthesis of carbonaceous phases from nitrogen-containing copolymers and investigation of the surfaces of carbonaceous materials*"

**2002.** V. Samanavičiūtė - Abromavičienė. "*Investigation of CO disproportionation and analysis of the reaction products*"

## MASTER THESES

**2007.** T. Trociukas. "*Synthesis and investigation of nano-structured carbon coatings*"

**2006.** I. Žaržojūtė. "*Synthesis of nanostructured carbon phases and formation of carbonaceous coatings*"

**2006.** J. Lagutova. „*Synthesis of carbon nanostructures for amperometric biosensors*“

**2005.** Ž. Stukas. "*Comparative surface study of activated carbon samples*"

**2005.** V. Milerienė. "*The influence of sulfur to the synthesis and modification of carbon nanostructures*"

- 2003.** V. Beržanskytė. *"Functional modification of graphitized carbon black"*
- 2001.** G. Videikaitė. *"Investigation of functional groups on the surface of activated carbons"*
- 2000.** G. Uždavinienė. *"Removal of Fe catalyst from the bulk of graphitized carbon black and investigation of the process by means of DTA method"*
- 1998.** V. Samanavičiūtė. *"Investigation of kinetics of Boudouard reaction"*
- 1994.** R. Kulikauskaitė. *"Synthesis of porous carbon and investigation of its mezoporous and macroporous characteristics"*
- 1994.** A. Grumbinaitė. *"Application of graphitized carbon black in conductometric humidity sensors"*
- 1992.** D. Urnėžienė. *"Examination of electroconductive polymer compositions"*

## **BACHELOR THESES**

- 2007.** R. Kuodis. *"Synthesis of carbon nanostructures using a Ni catalyst"*
- 2006.** R. Golubevas. *"Formation of carbonaceous coatings and their examination by contact angle measurement"*.
- 2006.** A. Šilinskaitė. *"Fractionation of carbon nano-structures by using a zone melting method"*
- 2005.** T. Trociukas. *"Design and optimization of equipment for the synthesis of carbon nanostructures"*
- 2005.** A. Špakovska. *"Synthesis and purification of carbon nanostructures"*
- 2004.** M. Daugilytė. *"Investigation of carbon phases prepared from methane"*
- 2004.** N. Babnytė. *"Synthesis of graphitized carbon black doped with nitrogen"*
- 2004.** V. Tamašauskaitė-Pavlikienė. *"Residual content of inorganic ions in activated carbons prepared from wood"*
- 2003.** Ž. Stukas. *"Investigation of distribution of activation energy"*
- 2003.** R. Akstinas. *"Conductometric IGC detector"*

- 2002.** I. Pargaliauskienė. *"Purification of graphitized carbon black using chlorinated and brominated hydrocarbons"*
- 2001.** V. Beržanskytė. *"Testing of DTA equipment using experimental design"*
- 1999.** A. Mickevičiūtė. *"Investigation of acidic sites on the surface of activated carbon"*
- 1999.** G. Videikaitė. *"Investigation of basic sites on the surface of activated carbon"*
- 1996.** V. Samanavičiūtė. *"Metrological testing of humidity sensors"*
- 1994.** R. Stundžytė. *"Synthesis of activated carbon and investigation of polymer adsorption on its surface"*