
Acknowledgments

For giving me the opportunity to work at the Research Institute and for strong support I would like to thank Dr. Wolfgang B. Souffrant. His trust in me and my skills gave me additional power in moments of despair.

For the academic supervision of my PhD studies I want to thank Prof. Ortwin Simon from the Freie Universität Berlin.

My many thanks go to my technical colleagues, Mrs. Prignitz, Mrs. Koepnick, Mrs. Voigt and Mrs. Wuerfel. Their accuracy and reliability were always very important for me. Without their help, I would never manage to conduct all the experiments.

I give my acknowledgments to Dr. Horst Franke from the Institute for Cereal Processing for good cooperation.

For giving me the possibility to obtain the microscopical pictures I want to thank Dr. hab. Rhenia Schumann from the Rostock University.

Furthermore, I want to thank Dr. Martin Kenny from University of Bristol for constructive comments on my English.

Jeannette – thank you for your help by providing of the experiments and for being my best friend in all the moments the sky was cloudy...