

**STUDIES OF POLYSACCHARIDE ADSORPTION ONTO MODEL
CELLULOSE SURFACES AND SELF-ASSEMBLED MONOLAYERS BY
SURFACE PLASMON RESONANCE SPECTROSCOPY**

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Dissertation submitted to the faculty of the
Virginia Polytechnic Institute and State University
In partial fulfillment of the requirements for the degree of

**Doctor of Philosophy
in
Chemistry**

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August 21, 2009

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Keywords: Polysaccharide Adsorption, Hemicelluloses, Xylans, Model Cellulose Surfaces, Self-Assembled Monolayer, Surface Plasmon Resonance Spectroscopy

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