

LIGNOCELLULOSIC BIOCOMPOSITES FOR STRUCTURAL HIGH IMPACT APPLICATIONS

PhD student: Matilda Johansson

Duration: 2020-2024

Funding: University of Borås

Advisor: Prof. Mikael Skrifvars, Prof. Nawar Kadi
& Prof. Hom Nath Dhakal

Research Scope:

- Evaluating the possibilities of using thermoplastic lignin as matrix material in structural biocomposites
- Develop and evaluate suitable fiber reinforcement
- Advanced morphological characterization and high speed impact testing
- The targeted applications will be for high impact structural composites, and for use in automotive and transport applications



LIGHTer



University of Borås
Department of Resource Recovery and Building
Technology