Mechanical & Industrial Engineering
UNIVERSITY OF TORONTO

Thesis Projects (MIE498 H/Y) 2018–2019

Title/Topic:

Development of thermoplastic composites for high pressure and temperature applications

Description:

This project involves the development and characterization of fiber reinforced thermoplastic composites targeting high strength and resistance to extreme operating conditions including high temperature and pressure. The grad student will be involved with the manufacturing and characterization of various composite systems including mechanical and thermal properties as well as analysis of the embedded fibers by scanning electron microscopy.

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