

Chemical Engineering Student Seminar Day – November 16, 2017

CHAIR: Jeffrey Giacomini & Laura Wells Co-Chairs: Mingmin Zhang & Loretta Idowu

LOCATION: BMH 109

Lunch 12:15 Beamish-Munro Hall, Rm 315



TIME	SPEAKER	SUPERVISOR	TITLE
9:30am	Bradley Buren	McAuley	<i>Predicting Mw and Branching Levels for Self-Condensing Vinyl Copolymerization in a CSTR</i>
9:50am	Alexander Fritz	Cunningham	<i>A New Approach to Produce Functionalized Starch Graft Copolymers for Use in Bio-Synthetic Latexes</i>
10:10am	Joe Glasing	Cunningham/Jessop/ Champagne	<i>Polymer-Modified Cellulose Nanocrystals Prepared by Nitroxide-Mediated Polymerization and Their Use as CO₂-Switchable Pickering Emulsifiers</i>
10:30am	Salim Gopi	Kontopoulou	<i>Manipulating medium chain length polyhydroxyalkanoates (MCL PHA) structure to enhance thermal properties and crystallization kinetics</i>
10:50am	20 Minute Coffee Break – Dupuis 311		
11:10am	Jesse Harris	Champagne/Jessop	<i>Production of biojet fuel precursors from cellulose using biphasic reactions and high pressure CO₂</i>
11:30am	Rachel Vincent	Daugulis	<i>The use of poly(vinyldodecylimidazolium bromide) for in-situ product recovery and improvement of fermentation processes</i>
11:50am	Georges Younes	Hutchinson	<i>Structure Modifications of Hydrolytically Degradable Cationic Flocculants for Enhanced Water Recovery of Oils Sands Tailings</i>

Please note: Refreshments will be provided in Dupuis 311 at 9:00am and 10:50am.