

Chemical Engineering Student Seminar Day – April 28, 2016

CHAIRS: Brant Peppley & Michael Bodley

LOCATION: DUP 217

Lunch 11:00 – 12:25 in Dupuis Hall, 311 & 312



TIME	SPEAKER	SUPERVISOR	TITLE
9:20am	Hussain Aqeel	Liss	<i>Biofilm sloughing in integrated fixed-film activated sludge (IFAS) systems</i>
9:40am	Srijit Nair	Escobedo	<i>Integrated and cost-effective nanophotonic-microfluidic sensing platform</i>
10:00am	Peter Gilbert	Giacomin	<i>Molecular Origins of Higher Harmonics in Large-Amplitude Oscillatory Shear Flow: Shear Stress Response</i>

CHAIRS: Xiang Li & Joe Glasing

LOCATION: DUP 217

TIME	SPEAKER	SUPERVISOR	TITLE
12:30pm	Aly Elraghy	McAuley	<i>Parameter Subset Selection and estimation for a polymerization model with time delay</i>
12:50pm	Sean George	Cunningham	<i>Block Copolymer Stabilizers in Emulsion Polymerization: Is Low Molecular Weight Dispersity a Requisite for High Performance?</i>
1:10pm	Chaimongkol Saengow	Giacomin	<i>Elastomers in Oscillatory Uniaxial Extension</i>
1:30pm	15 Minute Coffee Break		
1:45pm	Jan Schier	Hutchinson	<i>Kinetic Studies and Model Development for Radical Copolymerization of Hydroxy Functional Monomers</i>
2:05pm	Elyse Johnston-Haynes	Peppley	<i>Review of PEM Electrolyzer Durability for Hybrid Energy Storage</i>