

2015 Stats & Control Meeting, Toronto

Program for May 21, 2015			
Time	Presenter	University	Title
8:00-8:30	Breakfast		
8:30-08:55	Ryan Bennett	Queens	Potential based observer design
8:55-9:20	Dan Li		A New Optimization Model and a Customized Global Optimization Method for Design and Operation of Natural Gas Production Networks under Uncertainty
9:20-9:55	Isaac Vandermeulen		Decentralized Extremum Seeking Control
9:55-10:20	Coffee Break		
10:20-10:55	Ryan Zhao	Queens	Monte Carlo Methods for Modeling Arborescent Polyisobutylene Rubber Production
10:55-11:20	Ali Kamel H. Al jibouri	Ryerson	Optimal Control for Industrial Wastewater Treatment using Continuous Ozonation Process
11:20-11:55	Francis Gagnon	Laval	Control of a fluidized bed dryer
11:55-12:20	Amélie Dufour		Latent variable modelling of a baking furnace using data collected from different sources
12:20-14:00	Lunch		
14:00-14:25	Moez Ben Boubaker	Laval	Quality control of carbon anodes using vibro-acoustic and latent variable methods
14:25-14:50	Hossein Sahraei	Waterloo	Usage of a reactor network for the modeling of a state-of-the-art entrained flow gasifier
14:50-15:15	Yuncheng Du		Stochastic Fault Diagnosis using Generalized Polynomial Chaos Model and Maximum Likelihood
15:15-15:40	Coffee Break		
15:40-16:05	Omar Santander	Waterloo	Robust Economic Nonlinear Model Predictive Control
16:05-16:30	Shyam Srinivasan	U Toronto	Analysis of Multiple Steady States in Integrated Regulatory and Metabolic Networks
18:30	Dinner at Pickle Barrel, 312 Yonge St Toronto		

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Program for May 22, 2015			
Time	Presenter	University	Title
8:00-8:30	Breakfast		
8:30-08:55	Jean-Christophe Binette	Ecole Poly	Effect of Uncorrected Parameter Errors in Model Predictive control and On-line Optimization
8:55-9:20	Didac Recio Garrido		Dynamic Modeling and Monitoring of Staged Microbial Fuel Cells for Wastewater Treatment
9:20-9:55	Yanan Cao	McMaster	Dynamic modeling and optimization: application to super-staged argon plants
9:55-10:20	Coffee Break		
10:20-10:55	Pedro Castillo	McMaster	Scheduling and Optimization of Gasoline Blending
10:55-11:20	Vida Meidanshahi		Design and Mixed Integer Dynamic Optimization of Semicontinuous Processes
11:20-11:55	Brandon Corbett		Dynamic Model Identification for Model Predictive Control of Batch Processes
12:00 Noon	Boxed Lunch		

Venue

ARC 108, Architecture Building
325 Church Street, Ryerson University

- On Church street between Gerrard and Gould streets
- About a block North-West of the International Living/Learning Centre (ILC)

Registration

8am – 8:30 am, ARC 108

Cost – \$50 per person

Cash is preferred. If paying through check, please have

- Payee – Ryerson University
- Reference – 2015 Stats and Control Meeting

May 21 Dinner at 6:30 pm

- Place – Pickle Barrel, 312 Yonge St. Toronto, ON M5B 1R4
- Individual billing