

GO WITH THE FLOW



2016 CREATE CFS Summer School Schedule

*Participation of the research supervisor at the CREATE-CFS Summer School is not mandatory, as the CREATE CFS Summer School aims to promote learning and interactions among trainees. However, PI's are welcome to participate at any time.

Date: June 16, 2016

Professional Skills Day (Z-317, Claire-McNicoll Building, Université de Montréal)

Time	Speaker	Affiliation	Presentation Topics
9:00-9:30 a.m.	Arrival of the audience and introduction of the speaker (Coffee, juice and pastries available)		
9:30-10:00 a.m.	Lynda Adam	BRDV, UdeM	Research development and knowledge transfer
10:00-10:15 a.m.	Question period and introduction of the next speaker		
10:15-10:45 a.m.	Corinne Benquet	BRDV, UdeM	Intellectual property
10:45-11:00 a.m.	Question period and introduction of the next speaker		
11:00 a.m.-11:45 p.m.	Andrea Adamo	Zaiput	Zaiput Flow Technologies
11:45-12:00 p.m.	Question period and introduction of the next speaker		
12:00-1:00 p.m.	Lunch and socializing		
1:00-1:45 p.m.	Nathalie Voarino	UdeM	Societal, civic responsibilities, integrity and ethical conduct
1:45-2:00 p.m.	Question period and introduction of the next speaker		
2:00-5:30 p.m.	Gregory Patience	Polytechnique	Workshop 1: Scientific Communication Skills
5:30 p.m.	End of the Session		



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Date: June 17, 2016

Making Connections between Engineering and Chemistry Technical Skills: Oral Presentations from CREATE-CFS Senior Members ((Z-317, Claire-McNicoll Building, Université de Montréal)

** 10-min technical oral presentation of CREATE CFS senior members followed by a 5-min question/discussion period.

The technical oral presentations aim to be a brief overview of the continuous flow/microfluidic research topic of each senior trainee: introduction, goals, set-up/experiments to achieve goals, results, conclusion/perspectives.

***The day ends earlier to allow CREATE-CFS members from the University of Ottawa to return home.

Time	Speaker	Affiliation	Presentation Title
9:00-9:30 a.m.	Arrival of the audience and introduction of the speaker (Coffee, juice and pastries available)		
9:30-9:45 a.m.	Shawn Parisien-Collette	UdeM	Progress Toward New Photochemical Systems Using Continuous Flow
9:45-10:00 a.m.	Antoine Caron	UdeM	Photochemical Iterative Approach to Higher Azahelicene Using Flow Chemistry
10:00-10:15 a.m.	Michael Raymond	UdeM	Total Synthesis of Neomarchantin A: Tube-in-Tube Reactor for Ring-Closing Metathesis.
10:15-10:30 a.m.	Eric Mielke	UofO	Micro-Reactor Mixing-Unit Design for Fast Liquid-Liquid Reactions
10:30-10:45 a.m.	Hugo-Pierre Poirier-Richard	UdeM	SPR detector for flow reaction monitoring
10:45-11:00 a.m.	Davide Carnevali	Polytechnique	One pot glucose to FDCA
11:00-12:00 a.m.	Gregory Patience	Polytechnique	Workshop 2: Scientific Communication Skills
12:00 a.m.-13:00	dinner and socializing		
1:00-1:15 p.m.	Pauline Rullière	UdeM	Difluorocarbene Addition to Alkenes and Alkynes in Continuous Flow
1:15-1:30 p.m.	Éric Lévesque	UdeM	On-demand diazo reagents: In-Line synthesis and purification

1:30-1:45 p.m.	Clément Audubert	UdeM	Toward a new strategy for the production of TMSCHN ₂
1:45-2:00 p.m.	Ryan Sullivan	UofO	Using Flow Chemistry to Automate Chiral Auxiliary Recycling
2:00-2:15 p.m.	Khalil Heilman	McGill	Dielectric Spectroscopy Analysis of Pancreatic Islets of Langerhans within a Microfluidic Perfusion System
2:15-2:30 p.m.	Coffe Break		
2:30-2:45 p.m.	Paresa Modarres	McGill	Modeling and Analysis of a Novel Approach for Particle Separation Using Time-Varying Amplitude Dielectrophoresis
2:45-3:00 p.m.	Guichi Zhu	UdeM	One-step electrochemical DNA-based sensor for the detection of small molecules and proteins directly in biological samples
3:00-4:00 p.m.	Gregory Patience	Poly	Workshop 3: Scientific Communication Skills
4:00 p.m.	End of Day		