

# Workshop on Bio-Propulsion of Evolving Systems

## Friday, September 8<sup>th</sup>, 2017

Hosted at: Queen's University Biological Station (QUBS)  
Queen's Point: 280 Queen's University Road, Elgin, Ontario

Hosted by: Professors David Rival & Michael Rainbow

7:30-8:30am	Breakfast
8:30am	David Rival (introduction)
8:45am	Michael Rainbow (frog)
9:00am	Em Standen (rivulus)
9:15am	Jeff Dawson (springtail)
9:30am	Discussion on picking your model
10:00-10:30am	Coffee
10:30am	Alison Clouthier (shape & function)
10:45pm	Melissa Green (caudal fin wakes)
11:00am	Cameron McPhaden (fluid forces)
11:15am	Josh Galler (gust simulations)
11:30am	Discussion on measurements
12:00-1:00pm	Lunch
1:00pm	Kaley Sheppard (anomalocaris)
1:15pm	Annie Mossman (microraptor)
1:30pm	Niko Troje (pigeon behaviour)
1:45pm	Discussion on competing pressures
2:30-3:00pm	Coffee
3:00pm	Brad Taylor (optimization)
3:15pm	Dominique Poirel (rotating vs flapping)
3:30pm	Dorothea Blostein (tensegrity)
3:45pm	Qingguo Li (optimization of walking)
4:00pm	Discussion on phylogenetic inertia
4:45pm	NSERC Create & future workshops
5:30-6:30pm	Dinner
8pm	Campfire discussions