

Schedule for Ecological and Evolutionary Theoretical Café

Where: De Mazancourt Lab, Stewart Bio W3/19

When: Tuesday or Thursday Mornings at 10:30 A.M., March – April 2010

What to bring: A mug, prep material, anything to share

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Dates	Facilitator	Topics
Mar 2	Jurgis Sapijanskas	LyX: Getting started with LaTeX & BibTeX and dynamically linking to figures, tables, and citations
Mar 9	Mehdi Cherif	Distinguishing theory, methodology, and modeling
Mar 16	Open discussion	Modeling our respective study systems Preparatory material Bring your data and exploratory data analysis! <i>Intro to Food Webs & Lessons From Lotka-Voltera Models</i> (Chapter 7 in Primer of Ecology with R)
Mar 23	Magnus Bein	Hacking Lotka-Voltera Models Part I Preparatory material <i>R as a Simulation Platform in Ecological Modelling & Complex dynamics and phase synchronization in spatially extended ecological systems</i>
Mar 30	Allen Larocque	Hacking Lotka-Voltera Models Part II Preparatory material <i>Detecting compensatory dynamics in competitive communities under environmental forcing</i>
Apr 13	Medhi Cherif	Scale and modeling Preparatory material Emergence of individual behaviour at the population level: Effects of density-dependent migration on population dynamics
Apr 22	Bronwyn Rayfield	Networks and graph theory Preparatory material TBA
Apr 29	Ben Haller	NetLogo demo and a general discussion of individual-based modeling perspective/philosophy Preparatory material TBA