

CSBB - Summer School and Workshop on Complex Systems Research and Methods in Business and Biology (CSBB) on Heron Island 2012

Preliminary schedule for week 1 16-20.01.12 (as of 12.12.11)

		Monday		Tuesday		Wednesday		Thursday		Friday	
8			Breakfast		Breakfast		Breakfast		Breakfast		
9			Modelling in NetLogo, Hands on Session (Intro to Netlogo and Start of Small Group Projects)	SH & FH	Dynamics of complex social-ecological systems- nonlinearity, emergence, resilience, tipping and equilibria	LP	CA and random boolean networks as minimalist systems exhibiting complexity	TB	Network analysis, especially ORA	TF	
10		Pattern-Oriented Modelling, Modules and Modelling of Mechanisms			FH	Measures of Complexity	LP				
11		Social Agents in Construct			TF						
12											
1											
2	Arrival		Siesta		Siesta		Siesta		Siesta		Siesta and Departure first week
3	Welcome, Housekeeping and Introduction										
4	Complex Systems	LP	Modelling in NetLogo - Hands on session (Boolean Logic)	FH	Modelling in NetLogo - Hands on session (Model Analysis - Validation)	FH	Modelling in NetLogo - Hands on session (incorporating GIS data into models)	SH			
5	Introduction to modelling Complex Systems	LP	Small Group Projects		Small Group Projects (con'd)						
6	Dinner		Dinner		Dinner		Dinner		Dinner		
7	Examples of models in NetLogo	SH	Examples of Algorithms	SH & FH	Discussion session: Models to inform policy		Discussion session: Projects				
8			Small Group Projects (con'd)		Small Group Projects (con'd)		Small Group Projects Presentations				

Sessions will be conducted by Lael Parrott (LP), Scott Heckbert (SH), Fabian Held (FH), Terrill Frantz (TF) and Terry Bossomaier (TB)