

MMEE 2011 in Groningen

Logo:



Venue: Centre for Life Sciences (Linnaeusborg)



Wednesday 17th August 2011

16.30	<i>Registration & Buffet (CvL central hall)</i>
19.00	<i>Public lecture</i> Simon Levin - Evolutionary perspectives on public goods and collective behaviour

Thursday 18th August 2011

	5161.0151	5161.0105	5161.0253
08.50	<i>Conference welcome (5161.0151)</i>		
09.00	<i>Plenary</i> Paulien Hogeweg – Evolution of evolvability - Structuring of genomes, networks and ecosystems		
	Pattern formation I	Life history	Species interactions
10.20	Kirsten ten Tusscher – <i>In-silico</i> evolution of developmental networks	Pete Trimmer – The ecological rationality of state-dependent valuation	Carlos Melian – Eco-evolutionary dynamics in super-networks
10.45	Charlotte Hemelrijk – Some causes of the variable shape of flocks of birds	Andrew Higginson – Effects of costs of energy reserves on body size and adiposity	Francisco Encinas Viso – Phenology drives mutualistic network structure and diversity
11.10	Daan Reid – Modelling the hydrodynamics of infinite schools of fish	John Bryden – Can it be worth delaying reproduction in a steady environment?	Aniek Ivens – The co-evolution between mutualism and condition-dependent migration
11.35	<i>Plenary</i> Homayoun Bagheri – How can we understand ancient evolutionary transitions such as multicellularity and cellular differentiation?		
12.20	<i>Lunch & Posters</i>		
13.40	<i>Plenary</i> Chris Klausmeier – Theoretical approaches to plankton ecology		
	Pattern formation II	Learning & culture	Pathogens I
14.40	Johan van de Koppel – Diatom-sedimentation feedback generates a self-organised landscape	Luke McNally – Cooperation and the evolution of intelligence	Cornelis Drost – Epidemiology of overtreatment in vector-borne diseases
15.05	Jasper Ruifrok – The role of herbivores as ecosystem engineers	Daniel Jones – Social learning and evolution in a structured environment	Femke van den Berg – The evolutionary ecology of plant pathogens
15.30	Jon Yearsley – Fireox: an SIR model to describe the spread of smouldering peatland fire	Hannah Lewis – Transmission fidelity is the key to the build-up of complex culture in humans	Marek Kwiatkowski – Modelling the ecology of symbiont-mediated protection against parasites
16.25	<i>Plenary</i> Corina Tarnita – Limitations of inclusive fitness theory		
	Social evolution	Environmental change	Population genetics
17.15	James Marshall – The generality of inclusive fitness theory	Marjolein Lof – Optimal timing of reproduction in a warming world	Dan Cohen – A general model of genetic diversification by correlated pleiotropic interactions
17.40	Peter Sozou – Asymmetric helping and harming behaviour	Nicolas Alcala – Genetic diversity of metapopulation under temporal changes of connectivity	Carina Mugal – Evolutionary dynamics of dN/dS
18.05	Sander van Doorn – The evolution of generalized reciprocity on social interaction networks	Mario Pineda-Krch – Evolutionary diversification under seasonally varying reproduction	Harold de Vladar – Ensembles of evolutionary histories: adaptation, simulations and inference
19.30	<i>Conference dinner</i>		

Friday 19 th August 2011			
	5161.0151	5161.0105	5161.0253
09.00	<i>Plenary</i> Sally Otto – Inferring the past for traits that alter speciation and extinction		
10.00	<i>Coffee</i>		
	Community ecology	Communication I	Foraging strategies
10.20	Rampal Etienne – Making inferences on diversification from molecular phylogenies	Mark Broom – Some mistakes go unpunished: the evolution of “all or nothing” signalling	Zoe Cook – The effects of recruitment strategy on the benefits of polydomy in ant colonies
10.45	Stephen Cornell – Analytical properties of species area curves in spatial neutral models	Lev Yampolsky - To own or to own not: A game theory model of resource ownership and defence	Andrea Kölzsch – Empirical evidence for Lévy signatures in mud snail movement
11.10	David Alonso – Stochastic metacommunity theory	Sam Tazzyman – Fixed and dilutable benefits: female choice for good genes or fertility	Monique de Jager – Mussels on the move: How Levy walks evolved in a self-organizing system
11.35	Omar Al Hammal – Power testing of neutral theory	David Ramsey – A model of single-sided mate choice based on multiple traits	Axel Rossberg - Biodiversity and dietary diversity in marine food webs
12.00	<i>Lunch & posters</i>		
13.30	<i>Plenary</i> Hans Metz – The geometry of meso-evolution		
	Ecological niches	Communication II	Predator-prey
14.30	Géza Meszéna – Mathematical niche theory	Bob Planqué – Maintenance of bird song dialect borders	Steve Alpern – Ambush vs cruise search by a predator looking for its prey
14.55	Xiaoguang Du – A niche-based mechanism for neutral-like patterns	Matthias Franz – Multiple niches for agonistic behaviours can emerge from dyadic relationship	Robert Arculus – A version of the predator-prey search game where the predator is silent
15.20	Daniel van der Post – Evolution of cooperative foraging: self-organization and patch depletion	Franjo Weissing – The evolution of individual variation in communication strategies	Ellen van Velzen – The evolution and coexistence of herbivores under between-plant competition
15.45	<i>Coffee</i>		
16.15	<i>Plenary</i> Andreas Wagner – The origins of evolutionary innovations		
	Pathogens II	Miscellaneous I	Miscellaneous II
17.15	Meghan Fitzgerald – The effects of ecology on a web-stealing spider	Tim Fawcett – Equation overload: what deters empirical biologists from citing theoretical work?	Joost van de Heuvel – The predictive adaptive response: a life history model of <i>Bicyclus anynana</i>
17.40	Loïc Chaumont – On emergence times of competition processes	Krzysztof Argasinski – In which currency are paid payoffs in evolutionary games?	Somdatta Sinha – Population dynamic consequences of interactions among life stages of insects
18.05	Romain Bourget – Competition processes, a tool to model pathogen adaptation time	Ivan Puga-Gonzalez – Emergence of coalitions, their reciprocation and their exchange in a model	Atiyo Ghosh – Quantifying introgression risks in random environments with hazard rates
18.30	<i>Presentation of awards & conference close (5161.0151)</i>		