

Venue : Ramanujan Lecture Hall, ICTS Bangalore					
09.00 – 09.30	Registration Welcome				
	Mon	Tue	Wed	Thu	Fri
	5 March	6 March	7 March	8 March	9 March
09.30 – 11.00	Joachim Krug	Daniel Fisher (Turing lecture 2)	Daniel Fisher (Turing lecture 3)	Daniel Fisher (Turing lecture 5)	Maria Orive
11.00 – 11.30	Coffee/Tea				
11.30 – 13.00	Maria Orive	Joachim Krug	Joachim Krug	Joachim Krug	Joachim Krug
13.00 – 14.00	lunch				
14.00– 15.30	Poster session	Maria Orive	Daniel Fisher (Turing lecture 4)	Maria Orive	Maria Orive
15.30 - 16.00	Coffee/Tea				
16.00 – 17.30	Daniel Fisher (Turing lecture 1)	Daniel Fisher (Public Lecture)	(16:00 - 16:30) Kavita Jain	(16:00 - 16:30) Deepa Agashe	(16.00 - 16.30) Vaibhav Madhok
					(16.30 - 17.00) Supreet Saini
Week 1	lecture 1	lecture 2	lecture 3	lecture 4	lecture 5
Daniel Fisher	Statistical Dynamics of Complex Communities: from Random Matrices to Ecological Diversity	Processes and numbers: selection, mutation and drift	Adaptation of large asexual populations	Statistics of asexual diversity and complexities of sexual dynamics	Spatial dynamics and open questions
Joachim Krug	Fitness and epistasis	Empirical fitness landscapes	Probabilistic models of fitness landscape	Genotype-phenotype-fitness maps	Navigating fitness landscapes
Maria Orive	Introduction to age/stage-structured populations	Evolution in age/stage structured populations	Introduction to quantitative genetics (multifactorial model of genotype/phenotype)	Selection on quantitative traits	Effects of clonality on evolutionary lag and evolutionary rescue (research talk)
Research talk				Evolution and Diversification in High Dimensional Phenotypic Spaces and the Optimality of Evolution	Evolutionary experiments on re-wiring of the mar-sox-rob regulatory interactions in E. coli.

	Mon	Tue	Wed	Thu	Fri
	12 March	13 March	14 March	15 March	16 March
9.30 – 11.00	Santiago Elena	Magnus Nordborg	Santiago Elena	Magnus Nordborg	Magnus Nordborg
11.00 – 11.30	Coffee/Tea				
11.30 – 13.00	Ophelie Ronce	Santiago Elena	Ophelie Ronce	Santiago Elena	
13.00 – 14.00	lunch				
14.00 - 15.30	Magnus Nordborg	Ophelie Ronce	Santiago Elena	Ophelie Ronce	Magnus Nordborg
15.30 - 16.00	Coffee/Tea				
16.00 - 16.30	Poster session	Kavita Isvaran	Kartik Shanker	Subhash Rajpurohit	Chin-Kun Hu
16.30 - 17.00	Poster session	Vishwesh Guttal			
17.00 - 17.30	Poster session				
Week 2	lecture 1	lecture 2	lecture 3	lecture 4	lecture 5
Santiago Elena	A short introduction to Virology, viral quasispecies and virus population dynamics	Evolutionary genetics of viral emergence	Systems Biology of virus-host interactions	The arm race between host's resistance and virus' virulence	Genome compactness and the evolution of genomic novelty in RNA viruses
Magnus Nordborg	Genotype-Phenotype Mapping				
Ophelie Ronce	Evolution of the niche	Evolution of species range	Evolution of dispersal: introduction	Evolution of dispersal: kin selection	Evolution of dispersal: metapopulations
Research talk	Sexual selection in females	The evolution of cooperation via emergent assortment dynamics	Drivers of diversification of herpetofauna in the Western Ghats Escarpment	Spatiotemporal dynamics and genome-wide association analysis of desiccation tolerance in <i>Drosophila melanogaster</i>	