

Synbreed Winter School 2012
Population Genomics in Crops and Farm Animals
 November 25th – November 30th 2012

	Sunday 25. 11	Monday 26. 11.	Tuesday 27. 11.	Wednesday 28. 11.	Thursday 29. 11.	Friday 30. 11.
08:30 - 12:00		<i>Introductory lectures based on review articles</i> Karl Schmid, Aurelien Tellier, Henner Simianer, Bertrand Servin	<i>Introduction coalescent theory and demography</i> Joachim Hermisson	<i>Selection signatures/soft sweeps</i> Joachim Hermisson	<i>Whole genome screen for selection signatures</i> <i>Animal SNP data set</i> Henner Simianer <i>Plant sequence data set</i> Karl Schmid	<i>Experimental evolution, pool-based approaches</i> Christian Schlötterer Wrap up
12:00 - 13:30		Lunch	Lunch	Lunch	Lunch	Lunch
13:30 - 15:30		<i>Analysing the population structure</i> (with practical exercise) Bertrand Servin and Joseph Pickrell	<i>Theory of Approximate Bayesian Computation (ABC)</i> Michael Blum	<i>Simulations with selection</i> Karl Schmid and Aurelien Tellier	Continuation of morning session (<i>Whole genome screen for selection signatures</i>)	End
16:00 - 18:00	Arrival		Practical exercises with ABC	Guided City tour or similar Dinner in town		
18:30 – 19.30	Dinner	Dinner	Dinner	Dinner		
Evening		Project presentation by students (1h)	Project presentation by students (1h)			