

Thursday 20 May

	<u>Chairs</u>
8.30 Registration & Coffee	
9.20 Opening	M Bink
9.30 [1] Assembly & Annotation Gunnar Raetsch: Machine Learning Methods for RNA-seq-based Transcriptome Reconstruction Paul Kersey: Curtain: Large Genomes from Short Reads Discussion (including discussants / moderator / summary)	T Schiex & C Klopp
11.00 coffee break	
11.30 [2] Databases & Informatics infrastructure Chris Hunter: The EBI Sequence Read Archive Georg Haberer: Next Generation Sequences in PlantsDB at MIPS Discussion (including discussants / moderator / summary)	P Kersey
13.00 lunch break	
14.30 [3] Expression analysis Xian Adiconis: Targeted next-generation sequencing of a cancer transcriptome Olivier Thas: Probabilistic allelic read calling: a quasi-Poisson mixed model for the analysis of allelic read counts Discussion (including discussants / moderator / summary)	D Kreil
16.00 coffee break	
16.30 Way forward Mark Beaumont: Hierarchical models in population genetics, and their analysis by Approximate Bayesian Computation	P Waldmann & M Sillanpää
17.00 Poster session & drinks <i>Optional flash presentations (max 2 slides)</i>	
20.00 <u>Workshop dinner:</u> Ghent Marriott Hotel, Korenlei 10, 9000 Gent, Belgium	

Friday 21 May

9.00 Way forward Geoff Fincher: Next Generation Phenotyping: The Australian Plant Phenomics Facility	D Marshall
9.30 [4] Sequence to Phenotype Magnus Nordborg: Analyzing the genotype-phenotype map in Arabidopsis Theo Meuwissen: Prediction of total genetic value using whole genome sequence data Discussion (including discussants / moderator / summary)	HP Piepho & A Charcosset
11.00 coffee break	
11.30 [5] SNP discovery & SNP or sequence-based genotyping Micha Bayer: SNP discovery in barley Illumina data using Mosaik, GigaBayes and Tablet Jack Leunissen: SNP detection and next-gen sequencing data Discussion (including discussants / moderator / summary)	D Marshall & G van der Linden
13.00 lunch break	
14.30 Closing session: The way forward wrap-up and forward look Closing remarks	T Schiex & M Bink session chairs M Bink
15.30 coffee break	
16.00 TD0801 StatSeq - MC meeting (end ~ 18.00)	MC