Morning Session 9.00am – 10.30am

Introduction and overview by Prof Peter Visscher followed by a morning session of five-minute presentations from researchers across the groups highlighting their current research.

Presenters: David Evans, Mark Blows, Grant Montgomery, Jacqueline Sztepanacz, Jing Guo, Amy Watson, Fleur Garton, Qian Zhang, Anna Vinkhuyzen, V Kartik Chundru, Maciej Trzaskowski, Futao Zhang, Jenny Whitehead Pavlides, Zhihong Zhu, Costanza Valearga, Kath Kemper.

Plenary 11.00am – 12.00pm

Prof Mike Goddard

“Why are some traits more complex than others?”

Presentations:

12.00pm Joseph Powell “Systematic evaluation of genetic correlations between expressed transcripts in peripheral blood”

12.15pm Ben Hayes “Improving genomic prediction with functional annotation”

Break 12.30-1.30 lunch

1.30pm Yang Wu “Quantifying the mapping precision of GWAS with whole genome sequencing data”

1.45pm Nicole Warrington “Genetic studies of birth weight give biological insights into links with adult disease”

2.00pm Emily Wong “Soft Selective sweeps at non-coding regions affecting complex human traits”

2.15pm Emma Hine “The mutational dimensionality of an organism”

2.30pm Loic Yengo “Estimation of inbreeding depression from GWAS data”

2.45pm Irfahan Kassam “Genetic correlation of gene expression across sex”

3.00pm Quan Nguyen “Identifying potential causative SNPs in cattle by using genomic regulatory information from humans”

3.15pm Jian Zeng “Bayesian analysis of the genetic architecture for human complex traits”

3.30pm Enda Byrne “Genetics of sleep”

3.45pm Jenny Fung “The genetic regulation of transcription in human endometrial tissue”

4.00pm Luke Lloyd-Jones “The genetic architecture of gene expression in peripheral blood”

4.15pm John Kemp “GWAS of bone mineral density in the UK Biobank Study identifies hundreds of loci associated with osteoporosis”

The program will finish with a general discussion, followed by Drinks and Nibbles on the IMB Rooftop.

Please register your attendance to e.ashton@uq.edu.au by Friday 2nd September 2016