Program Armidale Animal Breeding Summer Course

Genotype by environment interaction, uniformity and stability

Teachers: Piter Bijma and Han Mulder   Wageningen University, The Netherlands
                       Sang Hong Lee   UNE

Monday 30 January			
9.00	Welcome + introduction course participants		Lecture W55 EM1
9.30	Basic concepts and definitions in multi-environment data: G, E, and GxE	Han Mulder	Lecture W55 EM1
10.30	Morning tea		W55 Court yard
11.00	Basic concepts and definitions in multi-environment data: G, E, and GxE	Han Mulder	Practical W77 103
12.30	Lunch		W47 TeaRoom
13.30	General concepts related to response to selection with G x E	Piter Bijma	Lecture W55 EM1
15.00	Afternoon tea		W55 Court yard
15.30	General concepts related to response to selection with G x E	Piter Bijma	Practical W77 103
17.00			
17.30	Joint BBQ at Dumaresq Dam		
Tuesday 31 January			
9.00	Designs and statistical models to estimate GxE	Han Mulder	Lecture W55 EM1
10.30	Morning tea		W55 Court yard
11.00	GxE and breeding programs and exploiting GxE	Han Mulder	Practical W77 103
12.30	Lunch		W47 TeaRoom
13.30	Genomics to estimate GxE	Sang Hong Lee	Lecture W55 EM1
15.00	Afternoon tea		W55 Court yard
15.30	Genomics to estimate GxE	Sang Hong Lee	Practical W77 103
17.00	Close		
Wednesday 1 February			
9.00	Quantitative genetics of uniformity, effects of mating and inbreeding (Lecture)	Piter Bijma	Lecture W55 EM1
10.30	Morning tea		W55 Court yard
11.00	Quantitative genetics of uniformity, effects of mating and inbreeding	Piter Bijma	Practical W77 103
12.30	Lunch		W47 TeaRoom
13.30	Response to selection in variance	Han Mulder	Lecture W55 EM1
15.00	Afternoon tea		W55 Court yard
15.30	Response to selection in variance	Han Mulder	Practical W77 103
17.00	Close		

Thursday 2 February			
9.00	Estimating genetic variance in variability	Han Mulder	Lecture W55 EM1
10.30	Morning tea		W55 Court yard
11.00	Estimating genetic variance in variability	Han Mulder	Practical W77 103
12.30	Lunch		W47 TeaRoom
13.30	Modelling responses in multiple environments in plant breeding trials	Piter Bijma	Lecture W55 EM1
15.00	Afternoon tea		W55 Court yard
15.30	Modelling responses in multiple environments in plant breeding trials	Piter Bijma	Practical W77 103
17.00			
18.30	Joint Dinner in town		
Friday 3 February			
9.00	Modeling variances in plant breeding	Piter Bijma	Lecture W55 EM1
10.30	Morning tea		W55 Court yard
11.00	Modeling variances in plant breeding	Piter Bijma	Practical W77 103
12.30	Lunch		W47 TeaRoom
13.30	To be decided	Piter Bijma/Han Mulder	Lecture W55 EM1
15.00	Closure and handing out certificates		