• **Lectures (theory WITH examples) last about 3-4 hours in each of 5 days**


• 2. Review of ordinary least-squares, generalized least-squares, maximum likelihood and best linear unbiased prediction.


• 4. Prior distributions versus random effects models.

• 5. Joint, marginal and conditional posterior distributions with examples.

• 6. Sampling and Markov chain Monte-Carlo methods (MCMC)

• 7. Bayesian model comparison.

• 8. Bayesian linear regression model.

• 9. Hierarchical models.

• 10. Bayesian prediction.
Support bibliography


