Intensive training @ Walailak University

Topic: Genstat workshop

Date: January 17, 2017   **Time:** 8.30 am. - 4 pm.

Place: Department of Biology, Faculty of Science, Chiang Mai University

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25 January, 2017	
Time	**Program**
08.30–09.00 a.m.	**Registration**
	Morning section
09.00–10.00 a.m.	General introduction of Genstat software
10.00–10.30 a.m.	**1. Introduction, exploratory data analysis (EDA),** • Navigating the Genstat system • Importing the manipulating data and Visualising data
10.30–10.45 a.m.	Break
10.45–12.00 a.m.	**2. Basic concepts of statistical inference** • T test (independent, paired) • Chi square Test • Pearson correlation or Spearman correlation **3. Regression** • Linear regression
12.00–01.00 p.m.	Lunch
	Afternoon section
01.00–02.30 p.m.	**4. ANOVA** • One and two Way ANOVA **5. REML and multi-level models** • Linear mixed models
02.30–02.45 p.m.	Break
02.45–04.00 p.m.	**6. Multivariate analysis** • Principal components analysis **7. QTL analysis** • Single traits and trials QTL mapping analysis

** Schedules are subject to change without prior notice.