

**WORKSHOP ON
ANALYSIS OF COMPLEX SURVEY DATA**
19 October (Friday), 2007

*Venue: Lecture Room 2, Nanyang Executive Centre
Nanyang Technological University*

Organized by:
Economic Growth Centre and Division of Economics
School of Humanities and Social Sciences
Nanyang Technological University, Singapore

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19 October 2007, Friday

- 8:30 am – 9:00 am: Arrival and Registration of Participants
- 9:00 am – 10:30 am: **Features of survey design**
- Weighting
 - Clustering
 - Stratification
- 10:30 am – 10:45 am: Tea Break
- 10:45 am – 12.30 pm: **Statistical inference for complex survey data**
- Taylor linearization
 - Jack-knife repeated replication
 - Balanced repeated replication
- 12:30 pm – 1:30 pm: Lunch
- 1:30 pm – 3:30 pm: **Missing data in surveys**
- Mechanisms
 - Weighting
 - Item imputation
 - Inference with imputed data: Multiple Imputation
- 3:30 pm – 4:00 pm: **Summary and Discussion**

***** End of Programme *****