

Workshop

Taipei, April 9-11, 2008

Participants will receive the new versions of the **StOCNET** and **SIENA** manuals at the start of the workshop. It is up to the participants if they wish to prepare by reading further background literature, such as indicated at the **SIENA** website.

It is assumed that every participants brings his or her own laptop. The new version **StOCNET 1.7** will be put on the **StOCNET** website in the week before the workshop. This will also include a new version of **SIENA**. It will be most convenient for the participants to have **StOCNET 1.7** already installed, but the software will be distributed at the workshop for those who do not already have it.

For the practical computer work, data sets and structured assignments for working with them will be distributed at the workshop. Those who prefer to work with their own data can do this, and (time permitting) can receive advice about this.

Day 1

- 09:30-10:00 Meeting, registration
- 10:00-12:00 Introduction to dynamic network modeling and the principles of stochastic actor-oriented models for network dynamics. Focus on the evaluation function.
- 12:00-13:45 lunch
- 13:45-15:00 Introduction to working with **StOCNET** and **SIENA**. Start of practical computer work.
- 15:30-17:00 Working with **SIENA**: practical computer work.

Day 2

- 9:20-10:40 Actor-oriented models: rate function and endowment function. Models for the joint dynamics of networks and behavior.
- 11:00-12:30 Examples of analyses using **SIENA** (Andrea Knecht, Liesbeth Mercken).
- 12:30-13:45 lunch
- 13:45-15:00 Initial data description; steps in specifying models for network dynamics; fit tests. Continuation of practical computer work.
- 15:30-17:00 Multilevel network analysis. Continuation of practical computer work.

Day 3

- 9:20-10:50 Steps in specifying models for dynamics of networks and behavior. Continuation of practical computer work.
- 11:10-12:30 What to do if estimation problems arise.
- 12:30 lunch