One-day GEMPACK Course 15 June 2020

Complementing the 23rd Annual Conference on Global Economic Analysis, 17-19 June, Tokyo.

Instructors: Michael Jerie

Date: 15 June 2020, 9am - 4.30pm

Location: Miyabi Room
AKASAKA EXCEL HOTEL TOKYU
2-14-3, Nagata-cho, Chiyoda-ku, Tokyo 100-0014
Google maps

This one-day GEMPACK training course presents several practical exercises aimed at the experienced user with a focus on GEMPACK 12 (released September 2018) and other topics that go beyond running simulations and analysis of results. Basic GEMPACK skills are assumed. **Participants are to bring their own laptops.** Lunch, morning and afternoon tea will be provided.

Price US$	
550	Standard
250	GTAP conference registrant
125	GTAP conference registrant early career researcher*, developing country

* An early career researcher must be a currently enrolled graduate student, or have graduated within the last 5 years.

Preliminary Program.

The course will be delivered as a sequence of exercises through which participants work under the guidance of the tutors. Each exercise focuses on a particular topic aimed at extending and improving your productivity as a GEMPACK user.

Topics Include**:

- Condensation (tuning a model for faster runtimes with the GEMPACK 12 solver)
- Using loops and left-hand-side mappings in TABLO code
- Using the Windows command prompt with GEMPACK
- Extracting solutions with SLTOHT (report generation and post-processing solutions)
- Arithmetic errors and singular matrix
- Automatic Closure with Minimal
- Replaceable parameters in CMF files (automatically run many simulations and process results)
- Using AGGHAR (aggregate a database with a sectoral mapping and aggregation weights for elasticities)
- Using SAGEM (investigate the response of industry outputs and prices to individual shocks to all export demands)
- Matrix scaling (RAS a 3-dimensional matrix)
- Using RunDynam more effectively (make policy the base, running simulations from batch scripts)

**Topics are subject to change or addition.

Laptop requirements. Participants are required to bring a Windows laptop. Windows XP or later, we recommend i5 or i7 processor, at least 2GB memory, Excel or other spreadsheet program and a power adapter for the local power socket.

Course Software and exercises. Participants will receive a USB memory stick which includes

- Source-code GEMPACK with a 6-month expiring single user licence
- GFortran compiler
- RunDynam with a 6-month expiring single user licence
- the course exercise materials.

Registration and Payment.

To register your interest please send an email containing the following details to louise.pinchen@vu.edu.au.

>   Dear Louise,
>
>   I would like to register for the following course.
>
>   Course: One-day GEMPACK Course 15 June 2020, Tokyo.
>   Participant's name: …
>   Participant's Organisation: …
>
>   Please send me payment instructions and the link for online credit card payment.