

## One-day GEMPACK Course 17 June 2019

### Complementing the 22nd Annual Conference on Global Economic Analysis, 19-21 June, Warsaw.

Instructors: Florian Schiffmann, Dean Mustakinov

Date: 17 June 2019, 9am - 3.30pm

Location: University of Warsaw, Faculty of Economic Sciences  
Długa 44/50, 00-241 Warsaw  
<http://www.wne.uw.edu.pl/en>.

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.

16/01/2019

**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](mailto:louise.pinchen@vu.edu.au).

Dear Louise,

I would like to register for the following course.

Course: One-day GEMPACK Course 17 June 2019, Warsaw.

Participant's name: ...

Participant's Organisation: ...

Please send me payment instructions and the link for online credit card payment.