

One-day GEMPACK Course 6 June 2017

Complementing the 20th Annual Conference on Global Economic Analysis, 7-9 June, West Lafayette, IN.

Instructors: Michael Jerie, Dean Mustakinov and other CoPS staff

Date: 6 June 2017, 9am - 3.30pm

Location: Purdue University, Room KRAN 758 in the Krannert building, 403 West State Street, West Lafayette, Indiana, USA.

This one-day GEMPACK training course presents several practical exercises aimed at the experienced user, with a focus on 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\$	
500	Standard
250	GTAP conference registrant discount
125	GTAP conference registrant discount, 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**:

- 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
- Condensation (tuning a model for faster runtimes)
- 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 requirement. 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 if needed a power adapter for the US power socket.

Course Software and exercises. Participants will receive a CD 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. The registration and payment form is attached on the next page. Please return the completed form to louise.pinchen@vu.edu.au.

1-DAY GEMPACK TRAINING COURSE PAYMENT FORM

7 June 2017, Purdue University, West Lafayette, IN.

Please return the completed form to louise.pinchen@vu.edu.au

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