

PARKROYAL Hotel Batu Ferringhi Beach Penang, Malaysia June 9-11, 2010

Organized by



United Nations Economic and Social Commission for Asia and the Pacific



Asian Development Bank



Center for Global Trade Analysis

Additional Support Provided by



Asia-Pacific Research and Training Network on Trade



Poverty and Economic Policy Research Network



South Asian Network on Economic Modeling

General Conference Information

Objective

The objective of the annual conference on economic analysis is to promote the exchange of ideas among economists conducting quantitative analysis of global economic issues. Particular emphasis will be placed on applied general equilibrium methods, data, and application. Related theoretical and applied work is also welcome.

Program Overview

The conference will commence and conclude with plenary sessions, each featuring two distinguished speakers who are intellectual leaders in their fields. Their presentations are designed to introduce participants to new topics as well as provide fresh insights into familiar ones. The content of these sessions reflect the overall conference themes:

Trade for Sustainable and Inclusive Growth and Development

- Renewable energy sources, environment, urbanization and trade
- Assessing options for sustainable agriculture
- Global and regional impacts of freer movements of people
- Trade, distribution and poverty
- Assessing options for efficient and sustainable trade liberalization

The conference will also feature specially organized and contributed paper sessions as well as roundtable discussion sessions. The contributed paper sessions were selected through a peer review process and grouped to reflect the varied themes being addressed by members of the GTAP Network. Papers from each session may be accessed through the conference homepage (http://www.gtap.agecon.purdue.edu/events/conferences/2010/) on the GTAP website.

Conference Co-Chairs

Table of Contents

Thomas Hertel Ravindra Ratnayake Juzhong Zhuang

Conference Committee

Kym Anderson Douglas Brooks John Cockburn Bernard Decaluwe Stephen Karingi Ken Kawasaki Robert Koopman Patrick Low Will Martin Mia Mikic Allan Rae Selim Raihan Melanie Ramioue **Alexander Sarris** Susan Stone Dominique van der Mensbrugghe Terrie Walmslev

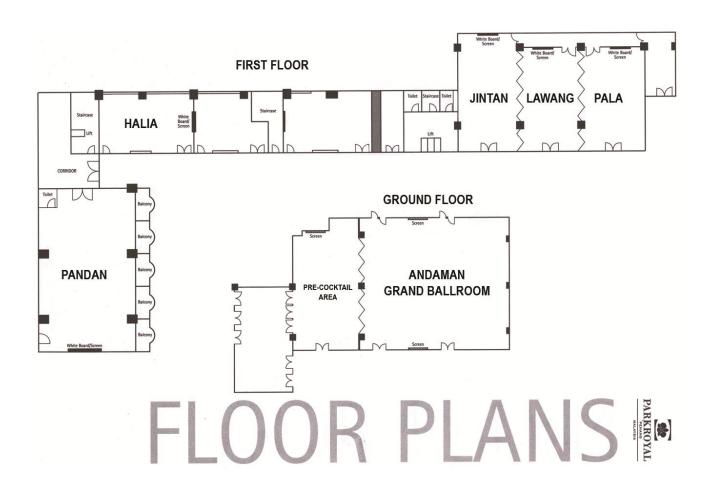
The conference co-chairs and committee welcome you to Penang and wish you an enjoyable and productive conference!

PARKROYAL Hotel and Registration

Upon arrival, participants must register to receive their conference materials. Dates, times and locations are listed below.

Registration

Tuesday, June 8	15:00-17:00	Andaman Grand Ballroom
Wednesday, June 9	11:00-18:00	Andaman Grand Ballroom
Thursday, June 10	08:00-18:00	Andaman Grand Ballroom



Distinguished Plenary Speakers

"Advances in Trade Theory and Empirical Research" Wednesday, June 9 – 14:00-15:30



Masahisa Fujita"Spatial Economics and Global Economic Analysis"

Masahisa Fujita is the President and Chief Research Officer of Research Institute of Economy, Trade and Industry; Professor of Konan University; and Adjunct Professor of Institute of Economic Research at Kyoto University. He had previously served as Professor in the Department of Economics / Regional Science at the University of Pennsylvania; Professor of the Institute of Economic Research at Kyoto

University; and President of the Institute of Developing Economies - JETRO (2003-2007). He had also served as the President of Japanese Economic Association (2009-2010). He holds a PhD in regional science from the University of Pennsylvania. His research and teaching interests are urban economics, regional economics, international trade, and spatial economics. His major works include: The Spatial Economy: Cities, Regions, and International Trade, MIT Press, 1999 (with P. Krugman and A.J. Venables); Economics of Agglomeration: Cities, Industrial Location, and Regional Growth, Cambridge University Press, 2002 (with J. Thisse); Regional Integration in East Asia: From the Viewpoint of Spatial Economics (editor), Macmillan, 2007.



Andrew B. Bernard"Discovering Firms in International Trade"

Andrew B. Bernard is the Jack Byrne Professor of International Economics and Director of the Center for International Business at the Tuck School of Business at Dartmouth. He has been on the faculty at Tuck since 1999. He received his Ph.D from Stanford in economics in 1991, his A.B. from Harvard in 1985 and was on the faculty at MIT and Yale prior to coming to Tuck. Professor Bernard is an expert

in international trade and investment and specializes in firm responses to globalization. His work with J. Bradford Jensen on firms, productivity and exporting provided the foundation for the new theoretical and empirical research on firms in international trade and investment. In recent papers he has explored the role of multi-product firms in production and trade, analyzed the effects of trade with low-cost countries such as China on firm strategy and performance, and begun to investigate the role of intermediaries in exports and imports. His current research is on transfer pricing by U.S. exporters and the role of multinationals in international trade and production. Professor Bernard serves as an independent director of the National Stock Exchange, on the executive committee of the Conference on Research in Income and Wealth and on the faculty advisory board of the Center for Financial Inclusion. In addition to being published in top academic journals such as the *American Economic Review* and the *Review of Economic Studies*, his research has been featured on CNN, CNBC, Good Morning America, MSNBC, NPR's Morning Edition, the Marketplace Morning Report, the BBC, and in the New York Times, Wall Street Journal, Financial Times, the Economist, Nikkei, Fortune, and Business Week.

Distinguished Plenary Speakers

"Climate Change" Friday, June 11 – 16:30-18:00



Dominique van der Mensbrugghe

"The modeling of the economics of climate change: Stocktaking and future challenges"

Dominique van der Mensbrugghe is a Lead Economist in the Development Prospects Group of the World Bank. Since joining the Bank in 1999, his work has focused on long-term structural change of the global economy and the analysis of global economic policy issues—including regional and multilateral trade agreements, international migration, the Millennium Development Goals, and climate change. His work has appeared frequently in the Group's annual flagship reports and he is one

of the world's experts on global computable general equilibrium modeling. Prior to joining the World Bank, Dominique worked for 10 years at the Organisation for Economic Co-operation and Development (OECD) based in Paris. He holds both Belgian and U.S. citizenship, received his undergraduate degree in mathematics at the Université Catholique de Louvain in Belgium and holds a PhD in economics from the University of California, Berkeley.



John Quiggin

"Intergenerational equity, risk and climate modeling"

John Quiggin is a Federation Fellow in Economics and Political Science at the University of Queensland. He is prominent both as a research economist and as a commentator on Australian economic policy. He has produced over 1000 publications, including five books and over 300 journal articles and book chapters, in fields including environmental economics, risk analysis, production economics, and the theory of economic growth. He has also written on policy topics including climate

change, micro-economic reform, privatisation, employment policy and the management of the Murray-Darling river system. John Quiggin has been an active contributor to Australian public debate in a wide range of media. He is a regular columnist for the Australian Financial Review, to which he also contributes review and feature articles. He frequently comments on policy issues for radio and TV. He was one of the first Australian academics to present publications on a website (now at http://www.uq.edu.au/economics/johnquiggin). In 2002, he commenced publication of a blog (now at http://johnquiggin.com) providing daily comments on a wide range of topics.

Session Overview: Wednesday, June 9

Full session details follow throughout the program.

Times	Session Rooms					
	Andaman Grand Ballroom	Pandan	Halia	Jintan	Lawang	Pala
13:30-14:00	Opening Remarks					
14:00-15:30	Plenary Session Advances in Trade Theory and Empirical Research					
16:00-18:00	Session 1 Services and Trade Facilitation	Session 2 Economic Integration, Trade Preferences and the Impact of the Crisis (Organized Session)	Session 3 Trade and Climate Change—Issues and Implications for Research (Roundtable Session)	Session 4 Global Food and Asian Agriculture	Session 5 Water, Waste and Global Land Use	Session 6 Sectoral FDI (Organized Session)

Session Overview: Thursday, June 10

Full session details follow throughout the program.

Times	Session Rooms					
	Andaman Grand Ballroom	Pandan	Halia	Jintan	Lawang	Pala
08:30-10:00	Session 7 Trade, Climate Change and Land Use	Session 8 Revised Labor Statistics for the GTAP Data Base (Organized Session)	Session 9 Trade and Poverty	Session 10 Trade Liberalization and Poverty	Session 11 Services Trade	Session 12 Africa and Growth
10:30-12:30	Session 13 Information, Knowledge and FDI	Session 14 Linking PE and GE Models: The Case of Combined Application of CAPRI and GTAP for Multi-Scale Analysis of Agricultural and Environmental Policies (Organized Session)	Session 15 Towards a Systematic Approach to Aid for Trade (Roundtable Session)	Session 16 Carbon Pricing and Climate	Session 17 Bioenergy	Session 18 Trade Liberalization and Finland
14:00-15:30	Session 19 Poverty and Trade	Session 20 The Potential Implications of the Special Safeguard Mechanism (Organized Session)	Session 21 Modelling Issues	Session 22 Migration	Session 23 Trade and Environmental Implications	Session 24 Climate Change and Agriculture
16:00-18:00		Session 25 Climate Change	Session 26 Protection Databases (Roundtable Session)	Session 27 Agricultural Trade and Free Trade Agreements	Session 28 Agricultural Policy	Session 29 Climate Change and Agriculture

Session Overview: Friday, June 11

Full session details follow throughout the program.

Times	Session Rooms					
	Andaman Grand Ballroom	Pandan	Halia	Jintan	Lawang	Pala
08:30-10:30		Session 30 Labor Issues and Poverty	Session 31 Democratization of Trade Policy Design (Roundtable Session)	Session 32 Fossil Fuels, Natural Gas and Oil Prices	Session 33 Preferential Arrangements and the European Union	Session 34 Taxes and Fiscal Policy
11:00-12:30		Session 35 Data and analysis of global economic integration (Organized Session)	Session 36 Asia as a locomotive of growth (Roundtable Session)	Session 37 Agricultural Policies and Doha Round Negotiations	Session 38 Financial Crisis and Free Trade Agreements	Session 39 Free Trade Agreements
14:00-16:00	Session 40 Trade Liberalization and Latin America	Session 41 Global Financial and Economic Crisis: Responses from the Asian Developing Countries (Organized Session)	Session 42 China and Mongolia	Session 43 Economic Crisis and Business Cycles	Session 44 China and India	Session 45 European Trade Policy
16:30-18:00	Plenary Session Climate Change					
18:00-18:30	2011 Conference Preview Closing Remarks					

Time	Event	Location
15:00-17:00	Conference Registration	Andaman Grand
		Rallroom

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Presenters are denoted in bold.

Time	Event	Location
11:00	Conference Registration	Andaman Grand Ballroom
12:00-13:30	Lunch	Tamarind Brasserie (PARKROYAL)
13:30-14:00	Opening Remarks Ravindra Ratnayake, Juzhong Zhuang, Thomas Hertel	Andaman Grand Ballroom
14:00-15:30	Plenary Session "Advances in Trade Theory and Empirical Research" Chair: Alan Deardorff - Spatial Economics and Global Economic Analysis by Fujita, Masahisa - Discovering Firms in International Trade by Bernard, Andrew	Andaman Grand Ballroom
15:30-16:00	Break	Pre-Cocktail Area
16:00-18:00	Session 1 "Services and Trade Facilitation" Chair: Ken Kawasaki - Distribution services and differential producer and consumer price impacts of trade by Francois, Joseph, Miriam Manchin and Hanna Norberg - Estimations of Tariff Equivalents for the Services Sectors by Fontagné, Lionel, Guillin Amelie and Maria Cristina Mitaritonna - Time as a Barrier to Trade: A GTAP Database of Ad Valorem Trade Time Costs by Minor, Peter - A Global Assessment of the Trade Facilitation Effects: the Case of MIRAGE Model by Zaki, Chahir	Andaman Grand Ballroom

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TimeEventLocation16:00-18:00Session 2 - Organized SessionPandan

"Economic Integration, Trade Preferences and the Impact of the ${\it Crisis}$ "

Organizer/Chair: Lucian Cernat

- <u>The value of trade preferences</u> by **Mitaritonna, Maria Cristina**
- The Impact of Crisis-Related Changes in Trade Flows on Employment,
 Incomes, Regional and Sectoral Development in Brazil
 by McDonald, Scott, Marion Jansen, Erik von Uexkull and Ralf Peters
- Mid-term Evaluation of the EU's Generalised System of Preferences
 by Gasiorek, Michael, Peter Holmes, Jim Rollo, Maximiliano Méndez
 Parra, Zhenkun Wang, Javier Lopez Gonzalez, Maryla Maliszewska,
 Wojciech Paczynski, Xavier Cirera, Dirk Willenbockel, Kamala Dawar,
 Francesca Foliano and Olarreaga Marcelo
- Economic Integration and the two margins of trade: An application to the Euro-Mediterranean agreements
 by Bensassi, Sami, Laura Marquez-Ramos and Inmaculada Martinez-Zarzoso

16:00-18:00 Session 3 – Roundtable Discussion Session "Trade and Climate Change—Issues and Implications for Research" Organizer/Chair: Aziz Elbehri

Halia

- Bioenergy policy work and where we stand on the cusp of the "new" demands for CC research by Tyner, Wally
- WTO regulations, trade and investments options in mitigating climate change in light of the different policies and initiatives by Elbehri, Aziz
- Specific implications for trade research and quantitative modelling issues and the types of challenges to face economists/modellers as they grapple with the trade-climate change linkages by van der Mensbrugghe, Dominique

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Presenters are denoted in bold.

TimeEventLocation16:00-18:00Session 4Jintan

"Global Food and Asian Agriculture"

Chair: Tasneem Mirza

- The Impacts of Different Policies on Global Food Production by **Huan-Niemi, Ellen** and Janne Niemi
- The rise in International Food Prices: The Impact on and Policy
 Implications for Indonesian Food Security
 by Oktaviani, Rina
- Agricultural and Macroeconomic Impact of Rising Imported Grain
 Prices on Taiwan
 by Lin, Hsing-Chun, Ching-Cheng Chang, Shih-Hsun Hsu, Duu-Hwa
 Lee and Li-Chen Chou
- Trade and Distributional impact of Genetically Modified Crops in India: A CGE analysis
 by Chatterjee, Amrita, Arpita Ghose and Sanjib Pohit

16:00-18:00 Session 5 Lawang

"Water, Waste and Global Land Use"

Chair: Roberto Roson

Parrado

- Closing the factory doors until better times: CGE modelling of drought using a theory of excess capacity
 by Wittwer, Glyn and Marnie Griffith
- The contribution to climate change mitigation policy of Energy from
 Waste in Italy
 by Bosello, Francesco, Lorenza Campagnolo, **Fabio Eboli** and Ramiro
- Water scarcity and virtual water trade in the Mediterranean by **Sartori, Martina** and Roberto Roson
- Implementing endogenous technological change in a global land-use model
 by Schmitz, Christoph, Jan Philipp Dietrich, Hermann Lotze-Campen, Christoph Müller and Alexander Popp

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Time	Event	Location
16:00-18:00	Session 6 - Organized Session	Pala
	"Sectoral FDI"	
	Organizer/Chair: Tani Fukui	
	 Sectoral Impact of Barriers to Trade in Banking Services: A Cost and Profit-based Approach by Dinh, Huong 	
	- <u>Sector Specific Foreign Direct Investment: A Database</u> by Fukui, Tani	
	- Discussant: Patrick Jomini	
18:30	Conference Reception Please note that food and beverage will be served; however, alcohol will only	Hotel Garden (PARKROYAL)
	be offered on a cash bar basis.	,

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Presenters are denoted in bold.

Time	Event	Location
08:00	Conference Registration	Andaman Grand Ballroom
08:30-10:00	 Session 7 "Trade, Climate Change and Land Use" Chair: Hom Pant The impact of trade openness on CO2 emissions in Iran, 1971-2005 by Fotros, Mohammad Hassan and Reza Maaboudi The circular flow of CO2 emissions embodied in international trade by Marques, Alexandra, Joao Rodrigues and Tiago Domingos Effects of GHG Mitigation Policies on Livestock Sectors by Golub, Alla, Benjamin Henderson, Thomas Hertel, Steven Rose and Misak Avetisyan 	Andaman Grand Ballroom
08:30-10:00	 Session 8 - Organized Session "Revised Labor Statistics for the GTAP Data Base" Organizer/Chair: Marinos Tsigas Labor Statistics for the GTAP Data Base by Weingarden, Alison and Marinos Tsigas Trade with China and the Impact on Relative Wages in Industrial Economies by Mirza, Tasneem, Badri Narayanan and Nico van Leeuwen Discussants: Nico van Leeuwen and Niven Winchester 	Pandan
08:30-10:00	 Session 9 "Trade and Poverty" Chair: Syud Amer Ahmed Laos's World Trade Organization Accession and Poverty Reduction by Phouphet, Kyophilavong, Takamatsu Shinya and Ko Jong-Hwan The Economic and Poverty Impacts of Trade Liberalization in Senegal by Cockburn, John, Bernard Decaluwe, Erwin Corong, Ismael Fofana and Veronique Robichaud 	Halia

Are the Poverty Effects of Trade Policies Invisible?

by **Verma, Monika**, Ernesto Valenzuela and Thomas Hertel

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Presenters are denoted in bold.

Time	Event	Location
08:30-10:00	Session 10	Jintan
	"Trade Liberalization and Poverty"	
	Chair: Sadequl Islam	
	- <u>Does Trade Liberalization Make the Poor Better Off? Sub-Saharan</u>	
	Africa and the Doha Agricultural Trade Reform	
	by Nuetah, J. Alexander and Xian Xin	
	Would Engine Un World Trade Deduce Devents and Inequality? The	
	- Would Freeing Up World Trade Reduce Poverty and Inequality? The	
	<u>Vexed Role of Agricultural Distortions</u> by Anderson, Kym , John Cockburn and Will Martin	
	by Anderson, Kym, John Cockburn and Win Martin	
	- Promoting Global Agricultural Growth and Poverty Reduction	
	by Ivanic, Maros and Will Martin	
	by Ivanie, Maros and Will Marcin	
08:30-10:00	Session 11	Lawang
	"Services Trade"	
	Chair: Angus Charteris	
	- Liberalization of Services and its Implications on Cross-Border	
	 <u>Liberalization of Services and its Implications on Cross-Border</u> <u>Agricultural Trade in Eastern Africa</u> 	
	by Onyango, Christopher	
	by Onyango, Christopher	
	- The measurement of barriers to services trade and its impact on	
	Chinese services export	
	by Bing, Jiang	
	- <u>Business services: a source of comparative advantage</u>	
	by Nordas, Hildegunn	
08:30-10:00	Session 12	Pala
00.30-10.00	"Africa and Growth"	i aia
	Chair: Peter Minor	
	dian'i tee rimo	
	- The Two-Gap Model Of Economic Growth In Nigeria: Vector	
	Autoregression (Var) Approach	
	by Akande, Emmanuel and Oluyomi Sodipe	
	- Surmounting Africas Trade Capacity Constraints: An Assessment of the	
	Effectiveness of Aid for Trade	

by Karingi, Stephen

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Presenters are denoted in bold.

Time	Event	Location
10:00-10:30	Break	Pre-Cocktail Area
10 20 12 20	Consists 4.2	Andamar Coard
10:30-12:30	Session 13 "Information, Knowledge and FDI"	Andaman Grand Ballroom
	Chair: David Vanzetti	Built Goill
	- <u>ICT within CGE for European Union Economies</u> by Szewczyk, Wojtek	
	 Knowledge Capital, Product Differentiation and Market Structure: a Comparative Static CGE Analysis by Lakatos, Csilla 	
	- Economic Impact of Japan's Food and Agricultural FDI on Worldwide Recipient Countries by Rossi, Paula and Masaru Kagatsume	
	 Multinationals in the Motor vehicles industry: A general equilibrium analysis for a Transition Economy by Latorre, Maria C and Antonio Gomez Gomez-Plana 	
10:30-12:30	Session 14 - Organized Session "Linking PE and GE Models: The Case of Combined Application of CAPRI and GTAP for Multi-Scale Analysis of Agricultural and Environmental Policies" Organizer/Chair: Wolfgang Britz	Pandan
	- The CAPRI model - an overview with a focus on comparison to GTAP by Britz, Wolfgang and Roman Keeney	
	 Conceptual Challenges for the Integration of Agricultural Sector and General Equilibrium Models: the databases of CAPRI and GTAP by Mueller, Marc 	
	 How Green are Agricultural Set Asides? An Analysis at the Global and Regional Levels by Britz, Wolfgang, Thomas Hertel and Janine Pelikan 	
	- Discussant: Frank van Tongeren	

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Time Event Location 10:30-12:30 Session 15 - Roundtable Discussion Session Halia "Towards a Systematic Approach to Aid for Trade" Organizer: UN Economic and Social Commission for Asia and the Pacific Chair: Ravindra Ratnayake Towards a Systemic Approach to Aid for Trade: African Perspectives by Karingi, Stephen Aid for Trade in Latin America: Challenges to develop a Regional agenda by Durán Lima, José Elías Implementation of the EU Aid for Trade Strategy by Koke, Andra Aid for Trade: A View from the WTO by Low, Patrick Aid for Trade in Asia and the Pacific: ADB's Perspective by **Zhuang**, **Juzhong** Aid for Trade in Asia and the Pacific by Mikic, Mia 10:30-12:30 **Session 16 Jintan** "Carbon Pricing and Climate" Chair: Sergey Paltsev Will border carbon adjustments work? by Winchester, Niven, Sergey Paltsev and John Reilly <u>Is There a Care for Carbon-based Border Tax Adjustment?</u> by Chateau, Jean, Romain Duval and Jean-Marc Burniaux The Impact on U.S. industries of Carbon Prices with Output Based Rebates by Adkins, Liwayway, Richard Garbaccio, Mun Ho, Eric Moore and Richard Morgenstern The Effect of Climate's Volatility on Tourist Arrivals of Asia Countries to Taiwan

by Chu, Lan-Fen

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive.

Presenters are denoted in bold.

Chair: Martina Brockmeier

- The effects of the EC ethanol blend mandate on the EU/Global sugar Market and its implications on sugar trade with ACP countries by **Sukati, Mphumuzi**
- Renewable Energy Development in Thailand: A Computable General Equilibrium Model-Based Analysis
 by **Wianwiwat, Suthin** and John Asafu-Adjaye
- Economic and Environmental Consequences of US Corn Ethanol
 Production: A Comprehensive Analysis
 by Taheripour, Farzad, **Wally Tyner**, Thomas Hertel, Alla Golub, Dileep
 Birur, Uris Baldos and Qianlai Zhuang
- Addressing Indirect Land Use Change Effects of Biofuel Mandates: Insights from and Limits of the CGE Approach
 by Alriffai, Perrihan, Betina Dimaranan, David Laborde and Hugo
 Valin

10:30-12:30 Session 18 Pala

"Trade Liberalization and Finland"

Chair: Antoine Bouët

- The Costs and Benefits of Duty-Free, Quota-Free Market Access for Poor Countries: Who and What Matters
 by Bouët, Antoine, David Laborde, Elisa Dienesch and Kimberly Elliott
- Import Prices, Importer Income, and Importer Income Inequality:
 Comparing Competing Theories
 by Bekkers, Eddy, Joseph Francois and Miriam Manchin
- <u>Distributional effects of Finland's climate policy package Calculations</u>
 with the new income distribution module of the VATTAGE model
 by Kinnunen, Jouko, Juha Honkatukia and Kimmo Marttila

12:30-14:00 Lunch Tamarind Brasserie (PARKROYAL)

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Time	Event	Location
14:00-15:30	Session 19 "Poverty and Trade" Chair: Kym Anderson - A poverty module of the MIRAGE model of the world economy by Bouët, Antoine, David Laborde and Carmen Estrades - Income Distribution and Regional Trade Liberalization in South Asia by Gilbert, John and Reza Oladi - IMF Macroeconomic Impacts and Development Outcomes for Low Income Countries: First Exploration of Macroeconomic Links to Ethiopia and Ghana Distribution and Poverty Models	Andaman Grand Ballroom
14:00-15:30	by Evans, H. David Session 20 – Organized Session "The Potential Implications of the Special Safeguard Mechanism" Organizer/Chair: Amanda Leister	Pandan
	 Potential Implications of the Special Safeguard Mechanism (SSM) in Agriculture by Hertel, Thomas, Will Martin and Amanda Leister Frequency and Duration Analysis of the Special Safeguard Mechanism by Leister, Amanda and Thomas Hertel 	
14:00-15:30	Session 21 "Modelling Issues" Chair: Glyn Wittwer	Halia
	 Does structure matter? Exploring the impact of model structure on model results by Kuiper, Marijke and Andrzej Tabeau 	
	- Running faster GTAP simulations with GEMPACK by Jerie, Michael	
	- <u>Solving Inequality Constrained Problems using GEMPACK</u> by Cao, Liangyue	

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Presenters are denoted in bold.

Time Event Location

14:00-15:30 Session 22 Jintan

"Migration"
Chair: Terrie Walmsley

- Measuring the Impact of International Migration and remittances: Will Latin America be a big winner?
 by Watanuki, Masakazu and Julio Guzman
- <u>A Dynamic General Equilibrium Model of International Migration</u> by **Aguiar, Angel H.** and Terrie Walmsley
- Economic Impacts of Immigration: Scenarios Using a Computable General Equilibrium Model of the New Zealand Economy
 by Nana, Ganesh, Kel Sanderson and Rob Hodgson

14:00-15:30 Session 23 Lawang

"Trade and Environmental Implications"

Chair: David Roland-Holst

- Environmental and Employment impact of resource use in India: A
 case study of copper
 by Bhattacharjya, Souvik, Saswata Chaudhury, Anandajit Goswami
 and Sanjib Pohit
- Computing game-theoretic equilibria in GTAP: Optimising regional climate change policies
 by Wiskich, Tony
- Reconciling Control of Carbon and Air Pollution with Economic Growth in China
 by Cao, Jing, Mun Ho, Dale Jorgenson, Yu Lei, Michael McElroy, Chris Nielsen, Yuxuan Wang and Yu Zhao

14:00-15:30 Session 24 Pala

"Climate Change and Agriculture"

Chair: Utpal Vasavada

- <u>Climate Change and Economic Growth: Impacts and Interactions</u> by **Roson, Roberto** and Dominique van der Mensbrugghe
- <u>Climate Change Impacts on Agriculture and Internal Migration in Brazil</u>
 by Ferreira-Filho, Joaquim Bento and Mark Horridge
- <u>Climate Volatility and Trade Policy in Tanzania</u>
 by **Ahmed, Syud Amer**, Thomas Hertel and Will Martin

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive.

Presenters are denoted in bold.

Time	Event	Location
15:30-16:00	Break	Pre-Cocktail Area

16:00-18:00 Session 25

Pandan

"Climate Change"

Chair: Fabio Eboli

- Energy and Economy in 2050: Long-term macroeconomic implications of green house gas emissions - Results from combined simulations with Dynamic GTAP and TIMES Integrated Assessment Models by Niemi, Janne, Tiina Koljonen and Antti Lehtila
- Assessing the Market Benefits of Reducing Deforestation: A General Equilibrium Investigation
 by Bosello, Francesco, Ramiro Parrado and Renato Rosa
- REDD in the Carbon Market: A general equilibrium analysis by Bosello, Francesco, Fabio Eboli, Ramiro Parrado and **Renato Rosa**
- Modelling Sustainability in a Computable General Equilibrium
 <u>Framework</u>
 by Carraro, Carlo, Elisa Lanzi and **Ramiro Parrado**

16:00-18:00 Session 26 - Roundtable Discussion Session "Protection Databases"

Halia

Organizer/Chair: Will Martin

- Impact of Ad-Valorem Equivalent Estimation Methods in the Context of Trade Policy Analysis
 by Mimouni, Mondher
- Analytical Database for Economists on Protection and Trade by Laborde, David
- Alternative Agricultural Price Distortions for CGE Analysis of Developing Countries
 by Anderson, Kym
- Measuring costs and benefits of non-tariff measures in agri-food by van Tongeren, Frank

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive.

Presenters are denoted in bold.

Time Event Location

16:00-18:00 Session 27 Jintan

"Agricultural Trade and Free Trade Agreements"
Chair: Wojtek Szewczyk

- Evaluation of non-tariff measures for African agricultural exports to the EU in a CGE framework
 - by **Gonzalez-Mellado, Aida**, Stephan Hubertus Gay, Robert M'Barek and Emanuele Ferrari
- Economic sanctions and trade diversions in Sudan by Siddig, Khalid
- The Economic Effects of Trans-Atlantic Free Trade Agreements by Islam, Sadequl
- The Analysis of Trade Integration and Business Cycles Synchronization with Emphasis on Regional Arrangements among OIC Nations by **Karimi, Farzad** and Akbar Tavakoli

16:00-18:00 Session 28
"Agricultural Policy"

Lawang

Chair: Amanda Leister

- Estimating the Impacts of Agricultural Export Restrictions in the Global Rice Market
 by Chen, Yi-Chieh and Ching-Cheng Chang
- The economic and social consequences of agricultural export taxes: A

 CGE analysis for Argentina
 by Grundke, Robert and Federico Foders
- Economic Impact and Global Trade Implications of Phytosanitary
 Treatments for Wood Packaging Material
 by **Strutt, Anna**, James A. Turner, Lynn Garrett, Robert Haack and Lars
 Olson
- The revival of interest in self-sufficiency in Indonesia and its likely consequences
 by **Vanzetti, David**, Nur Rakhman Setyoko, Ray Trewin and Risti Penami

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Time	Event	Location
16:00-18:00	Session 29 "Climate Change and Agriculture" Chair: Alla Golub	Pala
	- A Global General Equilibrium Analysis of the Interactions between Biofuel Mandates and Greenhouse Gas Mitigation Policy by Beckman, Jayson, Carol Jones, Ronald Sands and Utpal Vasavada	
	 Would Carbon Pricing Reduce Deforestation? Insights from illustrative simulations of a dynamic global CGE model augmented with a land use change and forestry module by Pant, Hom 	
	 Climate Change and European Agriculture in 2050: Outlook for Cereal and Oilseed Markets by Moeller, Thordis and Harald Grethe 	
	 <u>Climate Change Impacts on Global Agriculture</u> by Calzadilla, Alvaro, Katrin Rehdanz, Richard Betts, Pete Falloon, Andy Wiltshire and Richard Tol 	
19:00	Conference Dinner	Andaman Grand

Ballroom

Please note that alcohol will only be offered on a cash bar basis.

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive.

Presenters are denoted in bold.

Time Event Location 08:30-10:30 Pandan Session 30 "Labor Issues and Poverty" Chair: Niven Winchester Rural Transformation, Structural Breaks and Total Factor Productivity Growth in China by You, Ke Fei and Nicholas Sarantis Natural and Social Capital in Labor Subsistent Households in Natural **Resource Based Economies** by Navarro, Gladys Sectoral Employment Growth and Technological Leadership: A Spatial **Econometric Analysis for U.S. Counties** by Pede, Valerien, Raymond Florax and Henri de Groot The impact of the international financial crisis on child poverty in South Africa by Chitiga, Margaret, Bernard Decaluwe, Ramos Mabugu, Helene Maisonnave, Veronique Robichaud, Debra Shepperd, Servaas Van der Berg and Dieter Von Fintel 08:30-10:30 Session 31 - Roundtable Discussion Session Halia "Democratization of Trade Policy Design" Organizer: Asia-Pacific Research and Training Network on Trade Chair: Evan Due Who Makes the Rules of Trade Policy and Trade Negotiations? by Deardorff, Alan Net Campaign Contributions, Agricultural Interests, and Votes on Liberalizing Trade with China by Tower, Edward and John Gilbert Distortions to markets for farm vs nonfarm goods since the 1950s: what needs explaining? by Anderson, Kym Trade in Asia and the Pacific: Why do governance and institutions matter? by De, Prabir Political economy of trade policy and negotiations in Philippines by Pasadilla, Gloria Towards a better understanding of the political economy of regional integration in the GMS: Stakeholder coordination and consultation for subregional trade facilitation in Thailand

by Cheewatrakoolpong, Kornkarun

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Presenters are denoted in bold.

Time Event Location

08:30-10:30 Session 32 Jintan

"Fossil Fuels, Natural Gas and Oil Prices"
Chair: Wally Tyner

- The Role of Natural Gas under Carbon Emissions Constraint by Paltsev, Sergey, Henry Jacoby and John Reilly

- The Effects of Energy Taxes on Energy Consumption in Finland between 1995 and 2004 by Honkatukia, Juha and Kimmo Marttila

Implications of the Oil Export Price Increase in a Two-Sector Model: Stylized and Empirical Approaches. A CGE Analysis for the Case of Kazakhstan

by Kapsalyamova, Zhanna

An Economy-wide Analysis of an Increase in Energy Prices in Russia by the Use of SMOD EN Model
by Orlov, Anton, Harald Grethe and Scott McDonald

08:30-10:30 Session 33 Lawang

"Preferential Arrangements and the European Union"

Chair: Marijke Kuiper

- The export potential of South African edible nuts: the special case of macadamia nuts to Germany by Sithole, Noleen
- From unilateral preferences to Reciprocity: Impact of the ACP EU

 EPA on ESA countries

 by **Rojid, Sawkut** and Vinaye Ancharaz
- Human Capital Formation and the Linkage between Trade and Poverty: The Cases of Costa Rica and Nicaragua by Rivera, Luis and Hugo Rojas-Romagosa
- <u>Using Macro Indicators for Consistent CGE Baseline Construction</u> by **Ferrari, Emanuele**, Marc Mueller and Aida Gonzalez–Mellado

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive.

Presenters are denoted in bold.

Time	Event	Location
08:30-10:30	Session 34	Pala
	"Taxes and Fiscal Policy"	
	Chair: Nico van Leeuwen	
	- An Economy-wide Analysis of Consumption Voucher Policy in Taiwan	
	by Lee, Duuhwa, Ching-Cheng Chang and Shih-Hsun Hsu	
	- The Impacts of Direct Tax Reform on Taiwan's Economy-A Computable	
	General Equilibrium Analysis	
	by Lin, Yu-Hui, Chen Dickens J. Chen , Ching-Cheng Chang and Shih-	
	Hsun Hsu	
	- Moving to Goods and Services Tax in India: Impact on India's	
	International Trade	
	by Chadha, Rajesh , Anjali Tandon and Ashwani	
10.00.11.00		D 0 1. 11.
10:30-11:00	Break	Pre-Cocktail Area
11:00-12:30	Session 35 - Organized Session	Pandan
	"Data and analysis of global economic integration"	
	Organizer/Chair: Bob Koopman	
	- <u>Value Chains in Global Production Networks: An Application of Global</u>	
	Input-Output Tables	
	by Powers, William , Zhi Wang, Bob Koopman and Shang-Jin Wei	
	- A General Equilibrium Analysis of the China-ASEAN Free Trade	
	Agreement	
	by Tsigas, Marinos and Zhi Wang	
	, - 0 , -,	
	- A Time Series Database for Global Trade, Production and Consumption	
	<u>Linkages</u>	
	by Wang, Zhi , Marinos Tsigas, Jesse Mora, Xin Li and Daniel Xu	
	- Discussants: Robert McDougall and Will Martin	
	0	

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Presenters are denoted in bold.

Time Event Location 11:00-12:30 Halia Session 36 - Roundtable Discussion Session "Asia as a locomotive of growth" Organizer: Asian Development Bank Chair: Guntur Sugiyarto Exchange Rate Policies and Economic Growth in Asia by Zhai, Fan The contribution of Asia's middle class to growth by Roland-Holst, David Employment and Growth in Asia: What role of Trade and Informality? by Sinha, Anushree Fueling the Chinese Locomotive: Impact on Terms of Trade of **Neighboring Countries** by Wittwer, Glyn Changing Gears in the Locomotive by Scollay, Robert

11:00-12:30 Session 37

Jintan

"Agricultural Policies and Doha Round Negotiations"

Chair: Aida Gonzalez-Mellado

- Trade Standards for Welfare Maximization: A Case of Indo-US Trade in Wheat and Mango
 by Rastogi, Siddhartha
- Modeling the agricultural employment development within the CGE framework: the consequences for policy responses by **Tabeau**, **Andrzej** and Geert Woltjer

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Presenters are denoted in bold.

Location

11:00-12:30	Session 38	Lawang
	"Financial Crisis and Free Trade Agreements"	
	Chair: Angel Aguiar	
	- Trade and Sectoral Impacts of the Financial Crisis: A Dynamic CGE Analysis by Walmsley, Terrie and Anna Strutt	
	- What Can a CGE Say about the Housing Bubble Burst Crisis and Global	
	Imbalances?	
	by Lemelin, André , Veronique Robichaud and Bernard Decaluwe	
	 The Economic Impact of the Thailand-Australia Free Trade Agreement (TAFTA) and the Thailand-New Zealand Closer Economics Partnership (TNZCEP) by Wittayarungruangsri, Sarut, Rachda Chiasakul and Chotiga Khanti-Akom 	
11:00-12:30	Session 39 "Free Trade Agreements" Chair: Betina Dimaranan	Pala
	- Estimating the Medium-term Effects of the ASEAN Economic	
	Community	
	by Lee, Hiro and Michael Plummer	
	- Benchmarking the synergistic effect of China-ASEAN seaport industry development by Liao, Mei , Weiwei Yang and Huizheng Liu	
	- <u>India-Japan FTA in Goods: A Partial and General Equilibrium Analysis</u> by Ahmed, Shahid	
12:30-14:00	Lunch	Tamarind Brasserie (PARKROYAL)

Time

Event

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Presenters are denoted in bold.

Time	Event	Location
14:00-16:00	Session 40 "Trade Liberalization and Latin America" Chair: Masakazu Watanuki	Andaman Grand Ballroom
	 Tear Down this Wall: On the Persistence of Borders in Trade by Nitsch, Volker and Nikolaus Wolf 	
	- <u>Flexibilities in Negotiations on Non-Agricultural Products</u> by Jean, Sébastien , Will Martin and David Laborde	
	 Economic loss to the Brazilian regions due to the Doha Round failure: an investigation using bound tariffs by Pereira, Matheus Wemerson G., Erly Teixeira and Angelo Gurgel 	
	- Assessing the Impact of Non-Tariff Barriers during the Global Crisis: The Experience in Argentina, Ecuador and Venezuela by Durán Lima, José Elías , Carlos De Miguel, Mauricio Pereira and Gonzalo Veliz	
14:00-16:00	Session 41 – Organized Session "Global Financial and Economic Crisis: Responses from the Asian Developing Countries"	Pandan
	Organizer/Chair: Selim Raihan	
	- Global Economic Crisis: Implications for the Bangladesh Economy by Raihan, Selim	
	 Global Financial Crisis, MDGs and Choices for Pakistan's Inclusive <u>Development</u> by Ahmed, Vaqar and Ahsan Abbas 	
	- Global economic crisis, gender and poverty in the Philippines by Corong, Erwin	
	- Global Financial and Economic Crisis: Implications for Trade and Industrial Restructuring in South Asia by De, Prabir and Chiranjib Neogi	

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Presenters are denoted in bold.

Time Event Location 14:00-16:00 Session 42 Halia "China and Mongolia" Chair: Shih-Hsun Hsu The Economic Impact of H1N1 Pandemic in Taiwan-A Computable General Equilibrium Analysis by Chang, Chin-Hsiue, Hsing-Chun Lin, Ching-Cheng Chang and Shih-Hsun Hsu Recent Trends in Mongolian Foreign Trade with Northeast Asian Countries by Shagdar, Enkhbayar Predicting Expenditure Patterns across provinces in China based on AIDADS demand system by He, Jianwu and Shantong Li

14:00-16:00 Session 43 Jintan

"Economic Crisis and Business Cycles"

Chair: Janine Pelikan

- The Impact of EU Integration on Loan Default Rates
 by Ciaian, Pavel, Jarko Fidrmuc, d'Artis Kancs and Jan Pokrivcak
- The availability and cost of short-term trade finance and its impact on trade

by Korinek, Jane, Jean Le Cocquic and Patricia Sourdin

Business Cycle Persistence in Developing Countries: Can a DSGE Model with Production Chains and Sticky Prices Reproduce the Stylised Facts?

by Male, Rachel

- Trade and income effects of policy measures taken in response to the economic crisis

by van Tongeren, Frank

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Presenters are denoted in bold.

Time	Event	Location
14:00-16:00	 Session 44 "China and India" Chair: Rajesh Chadha The Growth of China and India: Implications and Policy Reform Options for Malaysia by Ianchovichina, Elena, Maros Ivanic and Will Martin Can Trade Liberalization Promote Growth in Agriculture: Evidence from China and India by Deb, Surajit Doha Round Impacts on India by Raihan, Selim and Bazlul Khondker 	Lawang
14:00-16:00	- Regional disparity and Mitigation cost for carbon policy in China Assessment based on multi-regional CGE model by Li, Shantong and Jianwu He Session 45	Pala
	"European Trade Policy" Chair: Joe Francois	
	- Adoption of GM Food Crop Varieties in the European Union by Jensen, Hans Grinsted and Morten Gylling	
	 The Common Agricultural Policy and the French, European and World Economies by Boulanger, Pierre H, Patrick Jomini, Xiao-Guang Zhang, Catherine Costa and Michelle Osborne 	
	 What are the benefits of deepening trade integration in Europe? by Aussilloux, Vincent, Lionel Fontagné and Charlotte Emlinger 	
	 A quantitative economic assessment of a Canada-EU Comprehensive Economic Trade Agreement by Kitou, Elisavet and George Philippidis 	
16:00-16:30	Break	Pre-Cocktail Area

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Presenters are denoted in bold.

Time	Event	Location
16:30-18:00	Plenary Session	Andaman Grand
	"Climate Change"	Ballroom
	Chair: Wally Tyner	
	 The modeling of the economics of climate change: Stocktaking and future challenges by van der Mensbrugghe, Dominique 	
	 Intergenerational equity, risk and climate modeling by Quiggin, John 	
18:00-18:15	2011 Conference Preview Francesco Bosello and Angela Marigo	Andaman Grand Ballroom
18:15-18:30	Closing Remarks Terrie Walmsley and Mia Mikic	Andaman Grand Ballroom

2011 Conference Preview

Fourteenth Annual Conference on Global Economic Analysis "Global Governance"



Venice, Italy June 2011

Objective

The objective of the annual conference on economic analysis is to promote the exchange of ideas among economists conducting quantitative analysis of global economic issues. Particular emphasis will be placed on applied general equilibrium methods, data, and application. Related theoretical and applied work is also welcome. This conference will focus the environment and climate, trade, distributional and equity issues, dynamics and growth, energy supply and security, international health issues, poverty and development, crime and wars, methodology, software and data.

Abstract / Session Proposal Submission

Abstracts, organized and roundtable discussion session proposals will be accepted on the GTAP website from early November 2010 through January 15, 2011. All abstracts and proposals will go through a standard review process. The accepted presenters will be notified in early March 2011 with papers due by April 15, 2011.

If you have any questions on this event, please do not hesitate to contact:

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Conference Participant List

Full contact information for participants may be accessed on the GTAP website.

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