

This is a day by day Conference program. Most papers are available for download. If your paper is still missing, we encourage you to [submit it](#) to the GTAP Resource Center as soon as possible.

Wednesday, June 5

8:45 – 10:30 am: **Open Ceremony and Plenary Session**
(Auditorium, 10th Floor)

Chair: Sheng-Cheng Hu

- [Trade Effects of Liberalizing behind-the-Border Barriers: Puzzles and Challenges](#)
Richard Baldwin, Professor, Graduate Institute of International Studies/University of Geneva, Switzerland
- [An Evaluation of the Performance of Applied General Equilibrium Models of the Impact of NAFTA](#)
Timothy Kehoe, McKnight Distinguished Professor of Economics, University of Minnesota, USA.
- [The CGE Approach to the Analysis of Sustainable Development: Some Remarks](#)
C. Y. Cyrus Chu, Fellow and Vice President of Academia Sinica, TAIWAN

11:00 – 12 noon: **Selected Paper Presentations**

Session 1A: China's Open Policies
(International Reception Hall, IRH)

Chair: Chao-cheng Mai

- [Trade and Factor Markets Reforms in China](#)
Masayuki Doi, Piyush Tiwari and Tetsu Kawakami
- [The Effects of China's Open Policy on the Japanese Economy](#)
Mantaro Matsuya
- [The Impacts of the opening of the Foreign Direct Investment in China on the Asia-Pacific Region](#)
Yungho Weng, Kuang-Chung Hsu, and Shih-Hsun Hsu

Session 1B: WTO New Round Negotiation
(Rm. 110)

Chair: Robert Koopman

- [The Current Round of Agricultural Trade Negotiations: Why Bother about Domestic Support?](#)
Allan N. Rae and Anna Strutt
- [The WTO Agricultural Negotiations: Reform: Options and Outcomes for New Zealand](#)
Allan N Rae and Anna Strutt
- [Multilateral Trade Liberalization: Scenarios for the New Round and Assessment](#)
Lionel Fontagné, Jean-Louis Guérin and Sébastien Jean

Session 1C: Labor in AGE Modeling

(Rm. 105)

Chair:

- The Need for a Complete Labor Market in CGE Modeling
Marianne Kurzweil
- Incorporation of Labor-Leisure Choice into a Static General Equilibrium Model
Alan K. Fox
- Modelling the Economic and Environmental Impacts of Population Policy in Jersey: a Multi-Period Computable General Equilibrium Analysis
David Learmonth, Peter G. McGregor, J. Kim Swales, Karen R. Turner, and Ya Ping Yin

Session 1D: New Applications of AGE (I)

(Rm. 102)

Chair: Mark Horridge

- Impact on Demand for Water upon Entering WTO - A Taiwanese Case Study
Chang-Erh Chou, S.H. Hsu, and Ping-Cheng Li
- Modelling the impact of environmental policy reforms on water markets and irrigation use in Australia
Glyn Wittwer and Randy Stringer

Session 1E: Growth and Sustainability

(Rm. 107)

Chair: Yun-Peng Chu

- Sustainable Development and World General Equilibrium Model - A Holistic View
Ching-Ying Lien
- Is Economic Growth Sustainable? A Trend Analysis for the Netherlands, 1990-1995
M.W. Hofkes, R. Gerlagh, W. Lise and H. Verbruggen
- Economic Growth and Environmental Quality: A Non-Parametric Kernel Estimation of the Environmental Kuznets Curve
Savas Alpay and Syed Mahmud

Session 1F: Chinese Session on Sustainable Development

(Fu-Chuan Hall, B1)

1:30 – 3:00 pm: **Selected Paper Presentations**

Session 2A: China's Accession to WTO

(International Reception Hall, IRH)

Chair: Kym Anderson

- Regional and National Perspectives of China's Integration into the WTO: A Computable General Equilibrium Inquiry
Francis Tuan, Xinshen Diao, Agapi Somwaru and Hsin-Hui Hsu
- Evaluating China's WTO Commitments: Implications of Reforms in US and EU Farm Programs
Wusheng Yu and Søren Frandsen
- Greater China's Accession to the WTO: Implications for International Trade/Production and for

Hong Kong

Joseph Francois and Dean Spinanger

Session 2B: Climate Change Policy and Modeling (I)

(Rm. 110)

Chair: Leo Schrattenholzer

- A Sustainability Geoscope: defining an integrated information base for interdisciplinary modelling of global change
Hermann Lotze-Campen, Wolfgang Lucht, and Carlo C. Jaeger
- Climate Variability and Agricultural Policy in Morocco
Rabih Karaky and Channing Arndt

Session 2C: Trade and Growth

(Rm. 105)

Chair: Thorvaldur Gylfason

- Trade and Growth under Limited Liberalization: The Case of Belarus
Marina Bakanova, Minsk, Belarus and Lúcio Vinhas de Souza
- Dynamic Impacts of Trade Liberalization: In the Framework of Endogenous Growth with Productive Public Capital
Kazuhiko Oyamada
- Economic Growth and Agriculture's Relative Decline: Implications of Political Economy of Agricultural Policies
Yau-Yuh Tsay

Session 2D: Free Trade and the Economy

(Rm. 102)

Chair: Sebastien Jean

- Trade Reform and Macroeconomic Policy in Vietnam
Rod Tyers and Lucy Rees
- Potential Impacts of Trade Liberalization in Korea's Automobile Industry
Sang-yirl Nam
- Trade Policy, Factor Markets and Social Structures in Africa
Leena Kerkelä and Janne Niemi

Session 2E: Food and Biotechnology

(Rm. 107)

Chair: J. Kim Swales

- Diffusion of gains from biotechnology and the European Union's Common Agricultural Policy
Hans van Meijl and Frank van Tongeren
- Global trade and biotechnology boosts to crop productivity in China
Jikun Huang, Ninghui Li, Hans van Meijl, and Frank van Tongeren
- Potential Effects of Biotechnology on the World Rice Economy
Shunli Yao, Chantal Pohl Nielsen and Kym Anderson
- The Implications of GMOs for Australian Trade

Susan Stone, Andrew Dolling and Anna Matysek

Session 2F: Chinese Session on Sustainable Development

(Fu-Chuan Hall, B1)

3:30 – 5:00 pm: **Policy Panel (I): Agricultural Trade and Policy**

(IRH)

Chair: Allan Rae

- **Susan Offutt**
Administrator, Economic Research Service, USA.
- **Ulrich Koester**
Professor, Department of Agricultural Economics, University of Kiel, Germany.

Policy Panel (II): Energy and Climate Change

(Rm. 110)

Chair: Liang-Jyi Fang

- **Leo Schrattenholzer**
Leader, International Institute of Applied System Analysis, Austria
- **Matti Vainio**
Principal Administrator, Environment Directorate General, European Commission

Session 3A: Methodologies in AGE Modeling (I)

(Rm. 105)

Chair: Thomas F. Rutherford

- Structural Forecasts for the Danish Economy Using The Dynamic-AAGE Model
Philip D. Adams, Lill Andersen and Lars-Bo Jacobsen
- Developing a Cost of Capital Module for Computable General Equilibrium Modelling
Ashley R. P. Winston
- EV-Model: An Economic-Engineering CGE-Model for Finland
Juha Forsström Juha Honkatukia

Session 3B: Free Trade Agreements in Asia (I)

(Rm. 102)

Chair: Tain-Jy Chen

- A Korea-Japan FTA: Is Korea Losing?
Inkyo Cheong
- An Analysis of Japan-Korea FTA
Tomoyoshi Nakajima
- Does Sequence Matter in Free Trade Area?
Jong Eun Lee
- Implications of the COMESA Free Trade Area and Proposed Customs union: an Empirical Investigation

Stephen Njuguna Karingi, Mahinda Siriwardana and Eric E. Ronge

Session 3F: Chinese Session on Sustainable Development

(Fu-Chuan Hall, B1)

Thursday, June 6

8:30 – 10:00 am: **Organized session (I): Economy-wide modeling at the US International Trade Commission**

(International Reception Hall, IRH)

Chair: Ken Pearson

- USAGE-ITC: Large Scale CGE Modeling at the ITC
R. Koopman, H. Arce, E. Balistreri and A. Fox
- USAGE-ITC: Theoretical Structure and an Illustrative Application
P. Dixon and M. Rimmer
- USAGE-ITC: Empirical Foundations
K. Johnson, E. Balistreri, C. McDaniel, P. Dixon, D. McDonald and M. Rimmer

Session 4A: WTO and Poverty

(Song Bor Hall, 10th F)

Chair: Alan Powell

- Poverty Impacts of Multilateral Trade Liberalization
Thomas W. Hertel, Paul V. Preckel, Maros Ivanic and John A. L. Cranfield
- Regional, Unilateral and Multilateral Trade Policies for Growth and Poverty Reduction in Brazil
Glenn W. Harrison, Dewey H. Johnson, Thomas F. Rutherford, David G. Tarr and Angleo Gurgel
- Impact of China's WTO Accession on Rural-Urban Income Inequality
Kym Anderson, Jikun Huang and Elena Ianchovichina

Session 4B: Climate Change Policy and Modeling (II)

(Rm. 110)

Chair: Warwick McKibbin

- Further development of a Computable General Equilibrium-Model for the long-run investigation of global impacts of GHG-mitigation policies
Margit Lott
- Economic Impacts of Greenhouse Gas Emission Mitigation Policies - Analysis by AIM Model
Mikiko Kainuma, Yuzuru Matsuoka and Tsuneyuki Morita
- Policy choices of international CO2 emissions control
Tingsong Jiang
- POLES model and Global prospective on reduction of GHG emissions
Tuan A. Nguyen and Patrick Criqui

Session 4C: Trade and Environment

(Rm. 105)

Chair: Shih-Mo Lin

- The Global Trade and Environment Model
Hom Pant, Vivek Tulpulé, and Brian Fisher
- How to Assess the Environment Impacts of Trade Liberalization
Marinos E. Tsigas
- Conflicting Perspectives in Trade and Environmental Negotiations
Barbara Buchner and Roberto Roson
- The Effects of the Proposed FTAA on Global Carbon Emissions: A General Equilibrium Analysis
Liwayway G. Adkins and Richard F. Garbaccio

Session 4D: Trade Policy: Quota Regime

(Rm. 102)

Chair: David Roland-Holst

- Endogenous adjusted Output Quotas - The Suspension of the Raw Milk Quota in the European Union
Markus Lips and Peter Rieder
- The Key Role of the Milk Quota in the Reform of the Swiss Agricultural Policy
Laurent Cretegny
- A practical method for explicitly modelling quotas and other complementarities
Jill Harrison, Mark Horridge, Ken Pearson and Glyn Wittwer

Session 4E: Labor Market

(Rm. 107)

Chair: Rod Tyers

- Assessing Regional Labour Market Disruption from Competition Policy Reforms: An Historical CGE Approach
James Giesecke and John R. Madden
- The Impact of China's Labour Market Liberalisation on Production, Employment and Trade in the Rest of the World
James X Zhang
- A New Look of the Impact of Migration on the Wage Differential
Hsiao-chuan Chang
- Relaxing Restrictions on the Temporary Movement of Natural Persons: A Simulation Analysis
Terrie L. Walmsley and L. Alan Winters

Session 4F: Chinese Session on Sustainable Development

(Fu-Chuan Hall, B1)

10:30 – 12 noon: **Organized Session (II): Cross Strait Economic Relations after China and Taiwan Joining WTO**

(Song Bor Hall, 10th F)

Chair: Tzong-shian Yu

- Direct Trade and Investment Trend across Taiwan Strait: An Empirical Analysis of Taiwan and China's Accession into the WTO
Ji Chou, Shiu-Tung Wang, Kun-Ming Chen and Nai-Fong Kuo
- The Impact of China's and Taiwan's WTO Accession on trade and Economic Relations across the Taiwan Strait
Zhi Wang
- Evaluating China's and Taiwan's WTO Accession
Elena Ianchovichina and Will Martin

Session 5A: Agricultural Trade Liberalization (I)

(International Reception Hall, IRH)

Chair: Tzu-tan Fu

- The Impact of the Uruguay Round on World Agriculture
Chung-sil Kim and Sang-ho Lee
- Agricultural Trade Liberalization in a World of Uncertainty: Discussion of the Results of a World CGE Model
J.M. Boussard, F. Gérard and M.G. Piketty
- A Re-evaluation of Tariffs Facing Exporters of Processed Food: Implications for Trade Liberalization
Mark Gehlhar and John Wainio
- Delineation of the International Rice Market: Implications for Trade Liberalization
Chantal Pohl Nielsen and Wusheng Yu

Session 5B: Climate Change Policy and Modeling (III)

(Rm. 110)

Chair: Matti Vainio

- Including the Feedback of Local Health Improvement in Assessing Costs and Benefits of GHG Reduction
Jennifer Chung-i Li
- Modelling the health related benefits of environmental policies within a CGE model for the EU-15 countries
Inge Mayeres and Denise van Regemorter
- Climate Policies and R&D based on WorldScan Simulations
Johannes Bollen, Arjan Lejour, Ton Manders and Paul Tang

Session 5C: Free Trade Agreements in Asia (II)

(Rm. 105)

Chair: Gustavo Martin Prada

- China and the WTO: Beginning of the End for East Asian Regionalism?
David Roland-Holst and Dominique van der Mensbrugge
- Options and Implications of FTA in Asia after China enter the WTO
Jun Ma and Zhi Wang
- Free Trade Agreements in East Asia: Implications for Trade, Production, and Welfare
Ken Itakura, Thomas W. Hertel and Jeffrey J. Reimer
- Emergent Trilateralism in the Pacific Basin: How will Globalization Affect China's Trade with Japan, the United States and the Region?

Hiro Lee and Dominique van der Mensbrugge

Session 5D: Trade Policy: Tariff and Non-tariff Measures

(Rm. 102)

Chair: Lionel Fontagne

- European Union trade and non-tariff measures
Nora Dihel and Peter Walkenhorst
- Quantifying The Economic Impact of NTMs: Tariff Equivalent Approach
Takamune Fujii and Mitsuyo Ando
- A General Equilibrium Analysis of Japan's Rice Tariffication
Masaru Kagatsume, C.C. Chang and C.H. Wu

Session 5E: Labor and Growth

(Rm. 107)

Chair: Shin-kun Peng

- National Minimum Wages, Capital Mobility, and Global Economic Growth
Andreas Irmen and Berthold U. Wigger
- Factor Taxation and Labor Supply in a Dynamic One-Sector Growth Model
Been-Lon Chen
- Developing Domestic Entrepreneurship and Growth through Imported Expertise
James R. Markusen and Thomas F. Rutherford

Session 5F: Chinese Session on Sustainable Development

(Fu-Chuan Hall, B1)

1:00 –2:00 pm: **Poster Presentations**

(1st Floor)

- A Case for Successful Microfinance Programs in China
Beatriz Armendariz de Aghion and Sarah Tsien, Harvard University.
- A generic approach to the construction of a consistent database to implement an inter-temporal general equilibrium model using GEMPACK
Hom Pant, Australian Bureau of Agricultural and Resource Economics, Australia.
- A Policy Simulation of Agriculture for Entering WTO
Esher Hsu, Department of Statistics, National Taipei University, Taiwan.
- A Study on Taiwan Energy Related CO2 Emission Abatement Pathways
Li Ming Wu Jen Shiou Tsai Jing Wei Kuo and Jhy Ming Lu Energy and Resources Laboratory, Industrial Technology Research Institute, Taiwan.
- Alfred Marshall Project: An Open-Source Elasticity Database for Applied GGE work
Renger van Nieuwkoop, Ecoplan, Switzerland; Melanie Bacou, Center for Global Trade Analysis, United States.

- Alternative Panel Estimates of Elasticities for Cigarette Demand, Taxation, and Tobacco Settlement in U.S.
Jian-Fa Li, Department of Economics, West Virginia University; Jovan Hsu, School of Business and Entrepreneurship, Nova Southeastern University, USA.
- Analyzing Changes in Russian Economic and Trade Policy: A General Equilibrium Approach
Sergey Kiselev and Roman Romashkin, Moscow State University; Kyle Johnson and Bob Koopman, US International Trade Commission.
- Capital shares in the GTAP Database
Nico van Leeuwen, CPB Netherlands Bureau For Economic Policy Analysis.
- China's Accession to WTO Would Boost World Trade of Edible Oils
Hsin-Hui Hsu and Francis Tuan, Economic Research Service, USDA.
- Impact of China's WTO Accession and BT Cotton Adoption on Chinese and World Cotton Sectors
Cheng Fang, John Beghin and Bruce Babcock.
- Impact on Growth of Agricultural Sector by Taxing: A Study of Conventional and Non-Conventional Sources
Debabrata Lahiri, Rural Development Centre, Indian Institute of Technology, West Bengal, India.
- Industry-Specific Human Capital and the Wage Profile: Evidence from Taiwan
Yih-chyi Chuang and Chun-yuan Lee, Department of Economics, National Chengchi University, Taiwan.
- Japanese External Policies and the Asian Economic Developments
Ken-ichi Kawasaki
- Models of Economic Growth: Design and Use of Macroeconomic Models in Uzbekistan during Transition Period
Muradova Khusnia, Centre for Economic Research, Tashkent, Uzbekistan.
- Non-trade Concerns and World Agricultural Trade Reform
Yong-Kee Lee, College of Natural Resources, YeungNam University, Daegu, Korea.
- Preferential Trade, Mis-invoicing and Capital Flight
Amit K. Biswas, University of Kalyani, Centre for Studies in Social Sciences, Calcutta, India.
- Prudential Practices and Financial Stability: Some Conceptual Issues
Somesh K. Mathur, Jamia Millia Islamia (Central University), New Delhi, India.
- Sources of Productivity Growth: Fiber Drum Manufacturing Technology
Donald E. Rutherford, FAR Associates; Thomas F. Rutherford, University of Colorado.
- Study on China's Sustainable Development: Integrated Analysis of Natural Resources-Energy-Economy-Environment, 1992-2020
Ming Lei, Guanghua School of Management, Peking University, China.
- The CET Dilemma for Customs Unions under Developing Countries' Regional Trade Arrangements: the Case of the Common Market for

Eastern and Southern Africa

Stephen Njuguna Karingi, Kenya Institute for Public Policy Research and Analysis, Kenya.

- The Impacts of China's WTO Accession and U.S. Sugar Policy Changes on the World Sugar Market: A General Equilibrium Analysis of Tariff-Rate Quota Regimes
C.C. Chang, Institute of Economics at Academia Sinica and Department of Agricultural Economics at National Taiwan University; C.H. Wu and S.H. Hsu, Department of Agricultural Economics at National Taiwan University, Taiwan.
- The SADC Trade Protocol and Industrial Performance in Southern Africa: A Case of the Automotive Industry in Zimbabwe
Samson Muradzikwa, School of Economics, University of Cape Town, South Africa.
- Trade in Graphics
Wietse Dol, Henk Kelholt, and Melanie Bacou
- Trade Liberalization on Raw Materials for Animal Feed: The Impact on Livestock Industry in Thailand
Ruangrai Tokrisna, Department of Agricultural and Resource Economics, Kasetsart University, Bangkok, Thailand.
- TSA-express: exploring the tombs of trade data
Wietse Dol and Henk Kelholt, LEI, Wageningen University and Research Centre, The Netherlands.
- Urban Management, Environment and Partnerships: Assessing Local Response to a Global Phenomenon of Sustainable Development
Nelson Obirih-Opareh, University of Amsterdam (AGIDS), The Netherlands.
- Vietnam's Future Position on the International Rice Market: Importance of Domestic Policy Reform and Trade Liberalization
Chantal Pohl Nielsen, Danish Institute of Agricultural and Fisheries Economics, Denmark.
- Visualization of CGE Analyses
Tze-Wei Chen and Chang-Erh Chou, Research Division IV, Taiwan Institute of Economic Research.
- Volatility of Real Exchange Rate and An Emerging Market: The Turkish Case
Saziye Gazioglu, Department of Economics, Dunbar Street University of Aberdeen, Australia.
- Voluntary Environmental and Quality Management: A Vision of 21st Century Agriculture
Liu Chuang and Peter Smith, Natural Resources Conservation Service, U. S. Department of Agriculture, USA.
- Where Will China and Russia Fit Into The New World Order?
Lynn El Dellenbarger, Dellenbarger and Associate; Lihong Zhu, Washington State University; and Tongjit Pongpiajun provides assistance to Dellenbarger and Associates.

2:00 – 3:30 pm: **Organized Session (III): From macro to micro: measuring distortions from agricultural policies**

(International Reception Hall, IRH)

Chair: Ulrich Koester

- The European Union: Liberalising Domestic Support
Søren Elkjær Frandsen and Hans Grinsted Jensen
- Do Developed Country Agricultural Policies Slow The Economic Growth of Developing Countries? A Dynamic General Equilibrium Approach
Agapi Somwaru (ERS), Xinshen Diao (IFPRI), and Terry Roe
- Risk Effects of PSE Crop Measures
Jesus Anton and Chantal Lemouel
- Analyzing Direct Payments to U.S. Farm Households: Addressing the 'Distribution Gap'
Jeffrey Hopkins, Mitch Morehart and Mary Bohman

Session 6A: Agricultural Trade Liberalization (II)

(Song Bor Hall, 10th F)

Chair: Kerstin Berglof

- Trade Liberalization and the Least Developed Countries: Modeling the EU's Everything But Arms Initiative and a Hypothetical U.S. Response
Michael Trueblood and Agapi Somwaru
- The Debate Over The Gains from Preferential Trade Liberalization in the CGE Models - Further Investigation
Jayatilleke S Bandara and Wusheng Yu
- Assessing the world-wide effects of a shift towards vegetable proteins: a General Equilibrium Model of Agricultural Trade (GEMAT)
Lia van Wesenbeeck
- Bound Tariffs, Unused Protection, and Agricultural Trade Liberalisation
Peter Walkenhorst and Nora Dihel

Session 6B: Climate Change and Modeling (IV)

(Rm. 110)

Chair: Johannes Bollen

- Short-term Impacts of the "Total-Load-Control" Policy on CO2 Emissions: A Case Study in Taiwan
Yunchang Jeffrey Bor
- Three Future Scenarios for Greenhouse Gas Emissions by Region in Australia
Philip D. Adams and Yin Hua Mai
- What stick will do to bring emissions down?
Ton Manders, Henri de Groot, Paul Tang

Session 6C: EU Enlargement

(Rm. 105)

Chair: Martina Brockmeier

- Eastern Enlargement of the EU: Factor mobility and Transfers - Which Matters Most?
Risto Vaittinen

- The European Union: Expanding its Agricultural Domain
Soren Frandsen and Hans Grinsted Jensen
- Eastern EU Expansion: Implications of the Enlarged Single Market for Current and New Member States
Maryla Maliszewska

Session 6D: Technology Innovation and Diffusion

(Rm. 102)

Chair: Hans van Meijl

- Environmental Policy and Technological Innovation: Evidence from Geographic Variation and Industrial Classification
Diana H. Tsai
- Clean Development Mechanism, Technological Diffusion Effects and Economic Growth
Kwo-Dong Wey and Jie-Chen Chen
- Institutional Elasticity for Maximizing the Effects of Energy Technology Policy - A Comparative Analysis of the Diffusion Process of Photovoltaic Power Generation Technology in Japan, the USA and Europe
Chihiro Watanabe, Bing Zhu and Behrooz Asgari

Session 6E: Population Aging

(Rm. 107)

Chair: Joseph S. Lee

- The Impact of Ageing on International Capital Flows in a Heterogeneous World with Imperfect Capital Mobility
Henri de Groot and Paul Tang
- The Non-Classic Approach to the Problem of Work and Unemployment
Wieslaw Sztumski

Session 6F: Chinese Session on Sustainable Development

(Fu-Chuan Hall, B1)

4:00 – 5:30 pm: **Policy Panel (III): Trade and Investment in Services**

(IRH)

Chair: Thomas Hertel

- What's Special About Trade in Services?
Philippa Dee
Assistant Commissioner, Productivity Commission, Australia.
- International Service Trade: A Case Study
Thomas Rutherford
Professor, Economics Department, University of Colorado, USA.
- **David Roland-Holst**
Professor, Economics Department, Mills College, USA.

Session 7A: Free Trade Agreements in the West (I)

(Song Bor Hall, 10th F)

Chair: Søren Frandsen

- FTAA in Perspective: North-South and South-South Agreements in the Western Hemispheric Countries
Masakazu Watanuki and Josefima Monteagudo
- The Effect of the Free Trade Area of the Americas on Agricultural Trade in the Western Hemisphere
Mary Burfisher, Sherman Robinson, and Karen Thierfelder
- Treatment of Agriculture in Western Hemisphere Regional Integration Agreements
Constanza Valdes and Marinos Tsigas
- WTO, Development and the MENA Region: A Preliminary Appraisal
Ali H. Bayar and Ghazi Ben-Ahmed

Session 7B: Kyoto Protocol

(Rm. 110)

Chair: Mikiko Kainuma

- How Binding is the Kyoto Protocol after Marrakesh?
Warwick McKibbin and Tingsong Jiang
- Does Non Ratification of the Kyoto Protocol by the US Increase the Likelihood of Monopolistic Behavior by Russia in the Market of Tradable Permits?
Alain L. Bernard and Marc Vielle
- The Economic and Environmental Impact of the US Withdrawal from the Kyoto Protocol
Hiroshi Hamasaki
- Relocation of EU industries from the Kyoto Protocol New Insights from a New WorldScan Model
Johannes Bollen, Arjan Lejour, Ton Manders and Paul Tang

Session 7C: Natural Resources Modeling

(Rm. 105)

Chair: Georg J. Y. Hsu

- Cycles of Natural Resources and Technological Opportunities
Susanna Lundström
- Inequality and Economic Growth: Do Natural Resources Matter?
Thorvaldur Gylfason and Gylfi Zoega
- Optimal Pricing of Petroleum with Budget Constraint and Externality
C.H. Huang, S.H. Hsu and P.C. Li

Session 7D: Land Use Modeling

(Rm. 102)

Chair: Marinos Tsigas

- A Model of Land Use Externalities on Tourism in a Small Island Economy
Carmelo León and Casiano Manrique
- Allocation of farmland in a dynamic CGE model with organic production

Philip D. Adams, Lill Andersen and Lars-Bo Jacobsen

- Realizing Efficient Use and Conservation of Land under Private Ownership - A Rebutment to Nobel Economics Laureate Theodore W. Schultz
Jian-Ming Zhou

Session 7E: Methodologies in AGE Modeling (II)

(Rm. 107)

Chair: Ali H. Bayar

- Cobb-Douglas Utility - Eventually!
Alan A. Powell
- Analyzing Taiwan Air Pollution: An Application of the CGE Model and the Concept of Green National Product
Yun-Peng Chu, Shih-Mo Lin and Ching-Wei Kuo
- Environmental Regulations, International Trade and Strategic Behavior
Savas Alpay and Cem Karaman

Session 7F: Chinese Session on Sustainable Development

(Fu-Chuan Hall, B1)

Friday, June 7

8:30 – 10:00 am: **Policy Panel (IV): Regional Trade Agreement and Integration**
(IRH)

Chair: Rong-I Wu

- Regional Trade Agreements and Integration
Robert Koopman
Director, U.S. International Trade Commission, USA.
- **Masato Hisatake**
Ministry of Economy, Trade and Industry, Japan.

Session 8A: Emission Trading (I)

(Rm. 110)

Chair: Eiji Hosoda

- Output-Based Allocations of Emissions Permits: Efficiency and Distributional Effects in a General Equilibrium Setting
Carolyn Fischer and Alan Fox
- EU Emission Trading and Non-CO2 Gases
Willemien Kets, Ton Manders and Johannes Bollen
- The costs of green house gas emission reductions in the European and Japanese economies under mixed emission trading regimes
Hiroshi Hamasaki and Truong P. Truong
- Evaluation of the costs and benefits of EU wide emission trade for Finland
Juha Forsström, Juha Honkatukia and Pekka Sulamaa

Session 8B: Methodologies in AGE Modeling (II)

(Rm. 105)

Chair: Juha Honkatukia

- Sensitivity of CGE Trade Policy Analysis under Imperfect Competition to the Specification of Firm Conduct
Dirk Willenbockel
- Key Assumptions in AGE Trade Models: An Assessment using the Mirage Model
Mohamed Hedi Bchir, Yvan Decreux, Jean-Louis Guérin and Sébastien Jean
- Market Access for GTAP: A Bilateral Measure of Merchandise Trade Protection
Antoine Bouët, Lionel Fontagné, Friedrich von Kirchbach and Mondher Mimouni
- Aggregation of Tariff Rate Quotas within GTAP Sectors
Markus Lips and Peter Rieder

Session 8C: Government and Policy Modeling (I)

(Rm. 102)

Chair: Peter Dixon

- Australian Federalism: a CGE analysis of inter-government transfers
Peter B. Dixon, Mark R. Picton and Maureen T. Rimmer
- China's Income Tax Reform and Its Impacts
Dianqing Xu, Zhi Wang and Fan Zhai
- An Evaluation of the Impacts of China's 1994 Unification of Dual Exchange Rates
Wang Ruifang
- Estimating General Equilibrium Phenomena in General Equilibrium: The Case of U.S. Supply Side Adjustment During the 1980s
Channing Arndt, Joseph Francois and Sherman Robinson

Session 8D: New Applications of AGE (II)

(Rm. 107)

Chair: David Tarr

- Impact Evaluation of the Tariff Reduction on the Fisheries Sector in Taiwan: A Comparison of Multi-Sector CGE Model and Single-Sector Multi-Activity Sector Model
Chin-Hwa Sun and Fu-Sung Chiang
- A Role for Information Technology in the Japanese Economy: A CGE Analysis
Masayuki Doi, Piyush Tiwari and Hidekazu Itoh
- Ageing gracefully: identifying vintages of privately owned motor vehicles in a CGE model of Taiwan
Huey-Lin Lee
- War and Peace: A CGE Analysis of the Economic Effects of the Israeli-Palestinian Conflict
Ohan Balian

Session 8F: Chinese Session on Sustainable Development

(Fu-Chuan Hall, B1)

10:20 – 12:00 noon **Selected Paper Presentations**

Session 9A: Free Trade Agreements in the West (II)

(IRH)

Chair: Dominique van der Mensbrugghe

- Impacts of AFTA and MERCOEURO on Agribusiness in the MERCOSUL Countries
Erly Cardoso Teixeira
- Where Do Developing Countries Go After Doha? An Analysis of WTO Positions and Potential Alliances
Christian Bjørnskov and Kim Martin Lind
- Global Agricultural Trade after Doha: Shifting Competitive Advantage between the US and EU?
John Beghin, David Roland-Holst and Dominique van der Mensbrugghe

Session 9B: Emission Trading (II)

(Rm. 110)

Chair: Shih-Hsun Hsu

- Welfare Reducing Emission Permit Trade
Pertti Haaparanta, Matti Liski and Toni Riipinen
- A Strategic Model of Abatement Coalition Formation and International Trade in Greenhouse Gas Emissions
Jared Carbone, Thomas F. Rutherford and Carsten Helm
- The Emission Trading and Integration of the Voluntary Approach to the Legal System in Europe
Li-chun CHEN

Session 9C: Renewable Energy

(Rm. 105)

Chair: Chan-Erh Chou

- Measuring the Contribution to the Economy of Investments in Renewable Energy: Estimates of Future Consumer Gains
Molly K. Macauley, Jih-Shyang Shih, Emily Aronow, David Austin and Tom Bath
- Assessing alternative renewable energy strategies: a CGE approach
Artis Kancs
- The Paradox of Trade Liberalization With Renewable Resources
Pascal Bernard
- The Effect of Renewable Energy Price Supporting Policy on CO2 Emission and The Economy of Taiwan
Chi-yuan Liang

Session 9D: Government and Policy Modeling (II)

(Rm. 102)

Chair: Chantal Le Mouel

- Welfare Evaluation of VERs with Fiscal Policy
Fuhmei Wang
- Efficiency and Equity Consequences of Alternative Social Security Rules
Svend E. Hougaard Jensen, Morten I. Lau and Panu Poutvaara
- Japan's Regional Strategy in Asia: Evaluation by the CGE Model
Masahiko Tsutsumi and Kozo Kiyota

Session 9E: Agricultural Policy

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Chair: Jikun Huang

- Modeling Farm Programs in the U.S. and the EU
Mary Burfisher, Sherman Robinson and Karen Thierfelder
- Common Agricultural Policy (CAP) in GTAP
Martina Brockmeier, Claudia A. Herok, Hans van Meijl, Petra Salamon, Andrzej Tabeau and Frank van Tongeren
- How Significant are export subsidies to agricultural trade? Trade and welfare implications of global reforms
Aziz Elbehri and Susan Leetmaa

Session 9F: Chinese Session on Sustainable Development

(Fu-Chuan Hall, B1)