

# 15<sup>th</sup> Annual Conference on Global Economic Analysis

"New Challenges for Global Trade and Sustainable Development"

Geneva, Switzerland



World Trade Organization June 27





Centre International de Conférences Genève June 28-29

Jointly Organized by:









*In association with:* 

THE GRADUATE INSTITUTE | GENEVA CENTRE FOR TRADE AND ECONOMIC INTEGRATION



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#### **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. The conference will commence and conclude with plenary sessions featuring distinguished intellectual leaders in their respective 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 reflects the overall conference themes:

#### "New Challenges for Global Trade and Sustainable Development"

- Measurement and impact analysis of non-tariff measures and trade facilitation
- Trade, environment, natural resources and sustainable development
- Poverty, inequality and development towards the millennium development goals

Mustafa Acar

Philip Adams

Aziz Elbehri

Michael Ferrantino

Lionel Fontagné

Marco Fugazza

Mark Gehlhar

Tani Fukui

Alex Gohin

Ioaquim Bento Ferreira-Filho

Analysis of multilateral and bilateral trade agreements in a globalizing world

The conference will also feature specially organized and contributed paper sessions. The organized sessions have been developed by members of the GTAP Network to highlight a specific research area. The contributed paper sessions were selected through a peer review process and subsequently 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 on the GTAP website. <a href="http://www.gtap.agecon.purdue.edu/events/conferences/2012/">http://www.gtap.agecon.purdue.edu/events/conferences/2012/</a> [ISSN 2160-2115 (online)

#### **Special Recognition**

**Conference Co-Chairs** 

Thomas Hertel, GTAP

Patrick Low, WTO

Frank van Tongeren

Terrie Walmsley

Xuejin Zuo

The Center for Global Trade Analysis would like to recognize the following contributing to the success of this conference.

Alla Golub

Angelo Gurgel

Peter Minor

Biswajit Nag

Hom Pant

Badri Naravanan

Ramiro Parrado

**Everett Peterson** 

Manitra Rakotoarisoa

Selim Raihan

Maureen Rimmer

Niven Winchester

**Ashley Winston** 

Glvn Wittwer

Sara Wong

Fan Zhai

Lei Zhang

Wusheng Yu

Steven Rose

**Conference Abstract Reviewers** 

Anders Aeroe, ITC	Angel Aguiar	Mark Horridge	Roberto Roson
Guillermo Valles, UNCTAD	Syud Amer Ahmed	Shih-Hsun Hsu	Mustapha Sadni Jallab
	Kym Anderson	Elena Ianchovichina	Luca Salvatici
Conference Committee	Misak Avetisyan	Sébastien Jean	Khalid Siddig
Christoph Böhringer	Onil Banerjee	Stephen Karingi	Chandrima Sikdar
Lionel Fontagné	Jayson Beckman	Roman Keeney	Dean Spinanger
Patrick Jomini	Dileep Birur	Leena Kerkela	Jevgenijs Steinbuks
Stephen Karingi	Adam Blake	Sangeeta Khorana	Anna Strutt
Bob Koopman	Francesco Bosello	Csilla Lakatos	Farzad Taheripour
Will Martin	Antoine Bouët	Hiro Lee	Karen Thierfelder
Mondher Mimouni	Mary Burfisher	Huey-Lin Lee	Stephen Tokarick
Alessandro Nicita	Rajesh Chadha	Amanda M. Leister	Nhi Tran
Victor Ognivtsev	John Cockburn	Arjan Lejour	Marinos Tsigas
Sergey Paltsev	Piero Conforti	Donald MacLaren	Wally Tyner
Ralf Peters	Betina Dimaranan	Ton Manders	Rahmet Uslu
Roberta Piermartini	Huong Dinh	Alan Matthews	Frank van Tongeren
Nadia Rocha	Peter Dixon	Scott McDonald	Monika Verma
Mustapha Sadni Jallab	José Elías Durán Lima	Denis Medvedev	Ming Wang
Dominique van der Mensbrugghe	Fabio Eboli	Mia Mikic	Masakazu Watanuki

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

## **Organizing Institutions**



#### Center for Global Trade Analysis, Purdue University

The Global Trade Analysis Project (GTAP) is a global network of researchers and policy makers conducting quantitative analysis of international policy issues within an economywide framework. GTAP is coordinated by the Center for Global Trade Analysis which is housed in the Department of Agricultural Economics at Purdue University. The Center for

Global Trade Analysis' mission is to provide leadership in economic policy analysis through better data, fostering collaboration, and research.

The centerpiece of Global Trade Analysis Project is the GTAP Data Base, a fully documented and publicly available, analytical data base for the global economy which contains detailed country data, linked through bilateral trade, transportation and protection. Accompanying this data base is a set of GTAP-based models used and developed by network members. The GTAP Data Base and analytical framework are used by thousands of researchers around the world. Originally, the majority of the research was related to international trade policy issues. Today, GTAP is still the most widely used tool for trade policy, but its use has expanded into poverty, international migration, foreign investment, climate change, environment, energy, and biofuel policies. GTAP has become a common "language" for many of those conducting analysis of global policy issues with GTAP-based results becoming increasingly influential in decision making around the world in trade, climate change, energy and the environment.

http://www.gtap.agecon.purdue.edu



#### **World Trade Organization**

ORGANIZATION The World Trade Organization is the global forum for ensuring a rule-based sustainable approach to global trade.

The bulk of the WTO's current work comes from the 1986-94 Uruguay Round negotiations as well as earlier negotiations under the General Agreement on Tariffs and Trade (GATT). The WTO is the host to presently ongoing multi-lateral trade negotiations, under the "Doha Development Agenda" launched in 2001.

WTO is recognized for its contribution to liberalizing global trade in a multi-lateral framework, but in some circumstances its rules support maintaining trade barriers - for example to protect health. The WTO agreements, negotiated and signed by the bulk of the world's trading nations, provide the legal ground for international commerce. They are contracts, binding governments to keep their trade policies within agreed rules. The goal is to help producers of goods and services, exporters, and importers conduct their business, while allowing governments to meet social and environmental objectives.

The WTO's overriding purpose is to help trade flow as freely as possible. That partly means removing obstacles; it also means ensuring that individuals, companies and governments know what the trade rules are around the world, and giving them the confidence that there will be no sudden changes or reversals of trade policy. In other words, the rules have to be "transparent" and predictable.

The WTO began life on 1 January 1995, but its trading system is half a century older. Since 1948, the General Agreement on Tariffs and Trade (GATT) had provided the rules for the system. The second WTO ministerial meeting, held in Geneva in May 1998, included a celebration of the 50th anniversary of the system. Over the years GATT evolved through several rounds of negotiations.

The previous GATT round, was the Uruguay Round which lasted from 1986 to 1994 and led to the WTO's creation. Whereas GATT had mainly dealt with trade in goods, the WTO and its agreements now cover trade in services, and in traded inventions, creations and designs (intellectual property).

http://www.wto.org

# **Organizing Institutions**



#### **International Trade Centre**

The International Trade Centre (ITC) is a joint agency of the World Trade Organization and the United Nations. ITC's goal is to assist developing countries and countries in transition achieve sustainable development through exports. International trade is an important engine of development and poverty reduction, contributing to economic

growth, job creation and entrepreneurial opportunities. Reducing poverty by boosting trade is a key tenet of ITC's trade related technical assistance.

ITC concentrates on strengthening the 'soft' infrastructure related to international trade and on delivering integrated programme solutions aiming at "Export Impact for Good". ITC works with policy makers, trade support institutions and enterprises in beneficiary countries. ITC's services are delivered through five complementary areas of technical expertise: export strategy, exporter competitiveness, strengthening trade support institutions, trade intelligence and business and trade policy. ITC has a strong focus on ensuring that the private sector voice on trade policies is articulated effectively. ITC has a range of research and advisory programs including programs on Market Access, Non-Tariff Measures, Trade and Climate Change, Voluntary Sustainability Standards, Women and Trade, and Trade and Poverty Alleviation.

http://www.intracen.org



#### **United Nations Conference on Trade and Development**

The United Nations Conference on Trade and Development (UNCTAD) focuses on the linkages between international trade policies and social and economic development across the developing world. Established in 1964, UNCTAD has progressively evolved into an authoritative knowledge-based institution whose work aims to help shape current policy debates and thinking on trade, investment and development, with a particular focus on ensuring that domestic policies and international action are mutually supportive in bringing about sustainable development.

UNCTAD functions as a forum for intergovernmental deliberations, supported by discussions with experts and exchanges of experience; it also undertakes research, policy analysis and data collection for the government representatives, other international/regional organizations, academia and experts; and provides technical assistance tailored to the specific requirements of developing countries, with special attention to the needs of the least developed countries and of economies in transition.

The substantive divisions of UNCTAD focus on Africa, LDCs, international support measures, international trade policy formulation and advice, investment and enterprise development, commodity dependence, export diversification, globalization and technology transfer and adaptation.

http://www.unctad.org

# **Supporting Institutions**

THE GRADUATE INSTITUTE | GENEVA CENTRE FOR TRADE

AND ECONOMIC INTEGRATION

The Graduate Institute Geneva, Centre for Trade and Economic Integration CTEI is the Graduate Institute's Centre of Excellence for research on international

CTEI is the Graduate Institute's Centre of Excellence for research on international trade. The Centre brings together the research activities of eminent professors of

economics, law and political science in the area of trade, economic integration and globalization. The Centre provides a forum for discussion and dialogue between the global research community, including the Institute's student body and research centres in the developing world, and the international business community, as well as international organisations and NGOs. The centre organises events, publishes working papers and hosts visiting scholars. A core goal of the Centre is to foster genuine, interdisciplinary research and to work across discipline to foster solutions that address the major societal issues of today.

http://graduateinstitute.ch/ctei/



#### **Cambridge University Press**

Cambridge University Press is the publishing business of the University of Cambridge. Dedicated to excellence, our purpose is to further the University's

objective of advancing knowledge, education, learning, and research.

Our peer-reviewed publishing lists comprises over 45,000 titles covering academic research, professional development, over 300 research journals, school-level education, English language teaching and bible publishing. This list is growing at a rate of nearly 4,000 ISBNs every year and spans subjects from aesthetics through to zoology, with authors ranging from Shakespeare to English language teaching author, Ray Murphy.

A pioneer in our field, we are committed to supporting innovation in learning and teaching. We publish without boundaries, ensuring our resources are accessible across the globe, in print, digital and online formats.

We take pride in supporting community programmes across the globe. Staff are encouraged to offer practical help, advice and funding to nurture vital charitable, educational and voluntary partnerships.

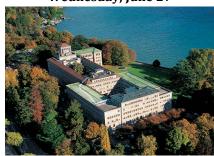
Playing a leading role in today's global market place, we have over 50 offices around the globe, and distribute our products to nearly every country in the world. We publish 45,000 authors based in over 100 different countries.

http://www.cambridge.org

# **Conference Venues and Onsite Registration**

#### **Conference Venues**

Wednesday, June 27



World Trade Organization
Centre William Rappard, Rue de Lausanne 154
CH-1211 Geneva 21 Switzerland

#### **Session Room**

- CR1

#### Thursday-Friday, June 28-29



Centre International de Conférences Genève 17 Rue de Varembé CH-1211 Geneva 20 Switzerland

#### **Session Rooms**

Level 0/Ground Floor: Rooms 3, 4

Level 2: Rooms 13, 14Level -1: Rooms 15, 16, 18

#### **Onsite Registration**

Upon arrival at the conference venue, participants should report to the registration area to receive their conference materials. <u>Please note that photo ID is required in order to register.</u> Dates and times of registrations are listed below.

Date	Time	Location
Wednesday, June 27	13:00-18:00	WTO Registration and Security Office
Thursday, June 28	08:00-18:30	CICG, Registration Desk

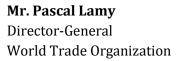
# Daily Session Overview: Wednesday, June 27

Full session details for this day are listed on page 14.

Time	Location - WTO
	CR1
14:30-16:00	GTAP Seminar GTAP 8 Data Base
16:30-17:15	Opening Ceremony
17:15-18:00	Plenary Session Trade, Development and Policy Making

## **Opening Ceremony Speakers**

Wednesday, June 27 - 16:30-17:15



Mr. Pascal Lamy is Director-General of the World Trade Organization (WTO) since September 2005.

Mr. Lamy holds degrees from the Paris based Ecole des Hautes Etudes Commerciales (HEC), from the Institut d'Etudes Politiques (IEP) and from the Ecole Nationale d'Administration (ENA). He began his career in the French civil service at the Inspection Générale des finances and at the Treasury. He then became an advisor to the Finance Minister Jacques Delors, and subsequently to Prime Minister Pierre Mauroy.

In Brussels from 1985 to 1994, Pascal Lamy was Chief of staff for the President of the European Commission, Jacques Delors, and his representative as Sherpa in the G7.

In November 1994, he joined the team in charge of rescuing the French bank, Credit Lyonnais, and later became CEO of the bank until its privatisation in 1999.

Between 1999 and 2004, Pascal Lamy was Commissioner for Trade at the European Commission under Romano Prodi.

After his tenure in Brussels, Pascal Lamy spent a short sabbatical period as President of "Notre Europe", a think tank working on European integration, as associate Professor at the l'Institut d'études politiques in Paris and as advisor to Poul Nyrup Rasmussen (President of the European Socialist Party).

Mr. Lamy was reappointed Director-General of the World Trade Organization by its Members for a second mandate in May 2009

#### **Publications**

- Towards World Democracy (Policy Network) (La démocratie monde: pour une autre gouvernance globale (Seuil, 2004))
- L'Europe en première ligne avec Erik Orsenna (Seuil, 2002) (in French)
- The Europe we Want with Jean Pisani-Ferry (Policy Network) (L'Europe de nos volontés (Plon, 2002))
- Monde-Europe (Dunod, 1993) (in French)

#### **Distinctions**

- Knight Commander's Cross (Badge and star of the order of Merit of the Federal Republic of Germany (1991)
- Commander, order of merit of Luxembourg (1995)
- Officier de la Légion d'Honneur (1999)
- Officer, Oder of merit of Gabon (2000)
- Médaille de la Fraternité du Vietnam (2007)

# **Opening Ceremony Speakers**

Wednesday, June 27 - 16:30-17:15



**Dr. Supachai Panitchpakdi**Secretary-General
United Nations Conference on Trade and Development

Supachai Panitchpakdi began his second four-year term as Secretary-General of UNCTAD on 1 September 2009, following his unanimous confirmation by the United Nations General Assembly.

Born in Bangkok on 30 May 1946, Dr. Supachai was educated there at St. Gabriel's College and Triam Udom School. He received his Master's Degree in Econometrics, Development Planning, and his PhD in Economic Planning and Development, at the Netherlands School of Economics (now known as Erasmus University) in Rotterdam.

In 1973, Dr. Supachai completed his doctoral dissertation on Human Resource Planning and Development under the supervision of Professor Jan Tinbergen, the first Nobel laureate in economics.

Dr. Supachai began his professional career at the Bank of Thailand in 1974, working in the Research Department, the International Finance Division and the Financial Institutions Supervision Department.

In 1986, Dr. Supachai was elected to the Thai Parliament and appointed Deputy Minister of Finance.

In 1988, he was appointed Director and Advisor, and subsequently President, of the Thai Military Bank.

In 1992, Dr. Supachai was appointed Senator, and that same year he became Deputy Prime Minister, entrusted with oversight of the country's economic and trade policymaking. In this role he was actively involved in international trade policy, and represented Thailand at the signing ceremony in Marrakech of the Uruguay Round Agreement in 1994. He was also active in shaping regional agreements, including Asia-Pacific Economic Cooperation (APEC), the Association of Southeast Asian Nations (ASEAN) and the Asia-Europe Meeting (ASEM).

In 2001, he was appointed Visiting Professor at the International Institute for Management Development in Lausanne. He has published a number of books, including Globalization and Trade in the New Millennium (2001) and China and WTO: Changing China, Changing World Trade (2002, co-authored with Mark Clifford). From September 2002 to August 2005, Dr. Supachai served as Director-General of the World Trade Organization.

# **Opening Ceremony Speakers**

Wednesday, June 27 - 16:30-17:15



**Ms. Patricia R. Francis**Executive Director
International Trade Centre

Patricia R. Francis, an award-winning leader and business facilitator, joined the International Trade Centre as Executive Director in June 2006.

During her tenure at ITC, the annual project implementation has moved from US\$ 25.3 million to an expected US\$44 million in 2011 with larger, multi-year programmes now representing more than 50% of the portfolio.

She has also led a change management process which has established a strategic planning and reporting cycle, mainstreamed MDG programmes for gender, environment and poverty and introduced results based management and accountability principles. A new brand identity has aligned ITC values to its profile.

Access to information for Developing Countries has been enhanced through free on-line Trade Analysis Tools, the publications programme and Trade Forum magazine. All supported by a new website.

Clients needs are reviewed annually through ITC client survey, and partnerships have been strengthened through active participation in the WTO's Aid for Trade and One UN initiatives which seek to achieve greater coherence among international and trade related organizations. ITC has also conducted a major study of programme support functions to streamline processes, and is reviewing financial administration systems to ensure greater efficiencies and transparency in its operations.

Ms. Francis came to ITC from Jamaica Trade and Invest, where she served as President for ten years. She was a member of Jamaica's Cabinet Committee for Development and during her tenure Jamaica attracted more than US\$ 5 billion in foreign direct investment. She served twice as President of the World Association of Investment Promotion Agencies and the China-Caribbean Business Council.

She is currently on the advisory boards of IESE graduate business school and a member of the Eminent Persons Group for the Commonwealth, a group created to examine options for reform of the Commonwealth's many institutions.

# Distinguished Plenary Session: "Trade, Development and Policy Making"

Wednesday, June 27 - 17:15-18:00



**Jean-Louis Arcand**, "Development and the Effectiveness of Social Programmes" Professor of International Economics and Development Studies The Graduate Institute, Geneva

Jean-Louis Arcand has been Professor of International Economics and Development Studies at the Graduate Institute since 2008. He has also been recently appointed Chair of Development Studies. Jean-Louis Arcand is associate editor of the *Journal of African Economies* and the *Revue d'Economie du Dévelopment*, co-editor of the *European Journal of Development Research*, and Founding Fellow of the

European Union Development Network (EUDN). He was assistant and then Associate Professor at the University of Montréal, and Professor at the Centre d'Etudes et de Recherches en Développement International (CERDI). Professor Arcand holds a PhD in Economics from the Massachusetts Institute of Technology (MIT), Cambridge, MA, USA. His research focuses on the microeconomics of development, particularly in West Africa and the Maghreb, with a current focus on impact evaluation of social programmes. He has been a consultant to the World Bank, the FAO, the UNDP, the Gates Foundation and several national governments. Jean-Louis Arcand is currently leading impact evaluations in Angola, Burkina Faso, Burundi, The Cameroon, The Gambia, Mali, Morocco, and Senegal, with the topics being investigated ranging from peer mentoring to fight HIV-AIDS to capacity-building in rural producer organisations to foster food security.

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# Daily Session Overview: Thursday, June 28

Full session details for this day are listed on pages 15-29.

Time	Location - CICG						
	Room 3	Room 4	Room 13	Room 14	Room 15	Room 16	Room 18
08:30-10:30	Session 1 Improving the representation of domestic support in global trade models (Organized Session)	Session 2 Quantifying the Impacts of the Doha Agenda Proposals (and other trade agreements) (Organized Session)	Session 3 Bioenergy and Food	Session 4 Global land conversion and environmental policy (Organized Session)	Session 5 Regional Integration and Free Trade Agreements in AFRICA (Part 1) (Organized Session)	Session 6 Food Prices and Security: Africa and the Middle East	Session 7 Labor Markets and Population Aging
11:00-13:00	Session 8 Climate Change and Agricultural Policies	Session 9 Impact of Global or Rich Country Policies on Poverty	Session 10 New Developments in Databases for CGE Modeling (Organized Session)	Session 11 Climate Change Policy	Session 12 Agricultural Policy and Global Food Supply	Session 13 Social Life Cycle Assessment of Products with GTAP and the Social Hotspot Database (Organized Session)	Session 14 NTBs and Trade
14:30-16:00	Session 15 Modelling current EU policy issues: FDI, jobs, carbon emissions and global value chains (Organized Session)	Session 16 Armington and International Price Transmission	Session 17 Bioenergy	<b>Session 18</b> EU FTAs	<b>Session 19</b> Changing Trade: Offshoring, Services Trade and eBay	Session 20 Modelling Firm Heterogenity	<b>Session 21</b> Finland and EU Austerity
16:30-18:30	Session 22 Result exploitation and analysis in large-scale economic models – state of the art and visions (Organized Session)	Session 23 Non-tariff measures: data, analysis and policy agenda (Organized Session)	Session 24 Trade in Energy	Session 25 Preferential Arrangements: Asia and The Middle East	Session 26 Trade and Africa	Session 27 European Climate Change Assessment	Session 28 Climate Change Policy

# Daily Session Overview: Friday, June 29

Full session details for this day are listed on pages 30-38.

Time	Location - CICG						
	Room 3	Room 4	Room 13	Room 14	Room 15	Room 16	Room 18
08:30-10:30	Session 29 Climate Change Policy and Assessment	Session 30 Climate Change Policy: North America and Asia	Session 31 Modelling Developing Country Issues	Session 32 The Modular Applied GeNeral Equilibrium Tool (MAGNET) (Organized Session)	Session 33 Regional Integration and Free Trade Agreements in AFRICA (Part 2) (Organized Session)	Session 34 Human Capital and Education	Session 35 GTAP model extensions applied to trade and trade policy issues in India and China (Organized Session)
11:00-13:00	Session 36 Detailed Single Country Analysis	Session 37 Impact of Climate Change on Food Supply and Poverty	Session 38 The development of Long Term Baselines for Modelling (Organized Session)	Session 39 Trade and Employment, ILO - UNCTAD – WTO (Organized Session)	Session 40 Climate Change Policy	Session 41 Bioenergy and Climate Change: Southeast Asia and Brazil	Session 42 Offshoring, trade in tasks and the domestic economy (Organized Session)
14:30-15:30			Session 43 Global Supply Chains	Session 44 Climate Change Impacts - Approaches and Perspectives (Organized Session)	Session 45 Water and Climate Change		Session 46 Economic Issues: The Middle East
16:00-17:30	Plenary Session Trade Governance and En Challenges	nvironment: 21st Century					
17:30-18:00	Closing Ceremony						

# Distinguished Plenary Session: "Trade Governance and Environment: 21st Century Challenges"

Friday, June 29 - 16:00-17:30



**Richard Baldwin**, "Global Trade Governance in the 21st century" Professor of International Economics
The Graduate Institute, Geneva

Richard Edward Baldwin is Professor of International Economics at the Graduate Institute, Geneva since 1991, Policy Director of CEPR since 2006, and Editor-in-Chief of Vox since he founded it in June 2007. He was Co-managing Editor of the journal *Economic Policy* from 2000 to 2005, and Programme Director of

CEPR's International Trade programme from 1991 to 2001. Before that he was a Senior Staff Economist for the President's Council of Economic Advisors in the Bush Administration (1990-1991), on leave from Columbia University Business School where he was Associate Professor. He did his PhD in economics at MIT with Paul Krugman. He was visiting professor at MIT in 2002/03 and has taught at universities in Italy, Germany and Norway. He has also worked as consultant for the numerous governments, the European Commission, OECD, World Bank, EFTA, and USAID. The author of numerous books and articles, his research interests include international trade, globalisation, regionalism, and European integration. He is a CEPR Research Fellow.



**Robert N. Stavins**, "Green Growth, Market Failures, and Technological Change" Albert Pratt Professor of Business and Government Harvard University

Robert N. Stavins is the Albert Pratt Professor of Business and Government at the Harvard Kennedy School, Director of the Harvard Environmental Economics Program, Director of Graduate Studies for the Doctoral Programs in Public Policy and Political Economy & Government, Co-Chair of the Harvard

Business School-Kennedy School Joint Degree Programs, and Director of the Harvard Project on Climate Agreements. He is a University Fellow of Resources for the Future, a Research Associate of the National Bureau of Economic Research, a member of the Board of Directors of Resources for the Future, the Scientific Advisory Board of the Fondazione Eni Enrico Mattei, and numerous editorial boards, and Co-Editor of the *Review of Environmental Economics and Policy*, and an editor of the *Journal of Wine Economics*. He was elected a Fellow of the Association of Environmental and Resource Economists in 2009. He has been a member of the Board of Directors of the Association of Environmental and Resource Economists, the Chairman of the Environmental Economics Advisory Committee of the U.S. Environmental Protection Agency, a Lead Author of the Second and Third Assessment Reports and now a Coordinating Leading Author of the Fifth Assessment Report of the Intergovernmental Panel on Climate Change. Professor Stavins' research has focused on diverse areas of environmental economics and policy, and his research has appeared in the over a hundred journal articles, and more than a dozen books. Professor Stavins works closely with public officials on matters of national and international environmental policy, and has also been a consultant to numerous private foundations and firms. He holds a B.A. in philosophy from Northwestern University, an M.S. in agricultural economics from Cornell, and a Ph.D. in economics from Harvard.

# Conference Schedule: Wednesday, June 27

Time	Event	Location - WTO
13:00-18:00	Conference Registration	Registration and
	Participants must provide photo ID to receive their conference materials.	Security Office
14:30-16:00	GTAP Seminar "GTAP 8 Data Base"	CR1
	Chair: Badri Narayanan	
16:30-17:15	Opening Ceremony Chair: Patrick Low	CR1
	Chair. Fatrick Low	
	<ul> <li>Mr. Pascal Lamy, Director-General, World Trade Organization</li> </ul>	
	<ul> <li>Dr. Supachai Panitchpakdi, Secretary-General, United Nations Conference on Trade and Development</li> </ul>	
	<ul> <li>Ms. Patricia R. Francis, Executive Director, International Trade Centre</li> </ul>	
17:15-18:00	Plenary Session	CR1
	"Trade, Development and Policy Making"	
	Chair: Thomas Hertel	
	<ul> <li>Development and the Effectiveness of Social Programmes by Arcand, Jean-Louis</li> </ul>	
18:00-19:30	Conference Reception	WTO Atrium
	The reception welcomes participants to the WTO's newly designed Atrium, a historic	
	inner courtyard in the center of the building, with spectacular views of Lake Geneva.	
	Award Ceremony	

Partnering Organization Recognition

Presented by the Center for Global Trade Analysis for outstanding leadership and support of the 15th Annual Conference on Global Economic Analysis

#### 2012 Alan A. Powell Award

Presented by the Center for Global Trade Analysis for outstanding service of a representative currently serving on the GTAP Advisory Board

#### 2012-2015 GTAP Research Fellows

Presented by the Center for Global Trade Analysis in recognition of significant contributions to the development of GTAP through:

- contributions to the GTAP Data Base
- contributions to the development of GTAP models and software,
- outstanding research using the GTAP Data Base and/or models, or
- advancing the use of GTAP and broadening the GTAP Network

Presenters should plan to arrive 10 minutes early to their session with their presentation on a USB drive. It is also recommended to have a PDF of the presentation available to help ensure compatibility. Presenters are denoted in bold.

Time	Event	<b>Location - CICG</b>
08:00-18:30	Conference Registration	Registration Desk
08:30-10:30	Session 1 - Organized Session  "Improving the representation of domestic support in global trade models"  Organizer/Chair: Klaus Mittenzwei	Room 3 (Level 0/Ground floor)
	<ul> <li>Adding value to applied policy models: The case of the WTO and OECD support classification systems</li> <li>by Mittenzwei, Klaus and Tim Josling</li> </ul>	
	<ul> <li>Reconciling WTO Boxes and PSE Data in the GTAP Framework to         Calculate Indicators for Domestic Support         by Urban, Kirsten, Hans Grinsted Jensen and Martina Brockmeier     </li> </ul>	
	<ul> <li>Studying the effects of domestic support provisions on global agricultural trade: WTO and OECD policy indicators in the CAPRI model</li> <li>by Mittenzwei, Klaus, Wolfgang Britz and Christine Wieck</li> </ul>	
08:30-10:30	Session 2 – Organized Session "Quantifying the Impacts of the Doha Agenda Proposals (and other trade agreements)"  Organizer/Chair: Will Martin	Room 4 (Level 0/Ground floor)
	<ul> <li>Methodological issues in assessing the implications of trade agreements</li> <li>by Martin, Will and Aaditya Mattoo</li> </ul>	
	<ul> <li>Estimating effects of price-distorting policies using alternative distortions databases</li> <li>by Anderson, Kym, Will Martin and Dominique van der Mensbrugghe</li> </ul>	
	<ul> <li>What's the Appropriate Agricultural Protection Counterfactual for Trade Analysis?</li> <li>by Anderson, Kym and Signe Nelgen</li> </ul>	

Presenters should plan to arrive 10 minutes early to their session with their presentation on a USB drive. It is also recommended to have a PDF of the presentation available to help ensure compatibility. Presenters are denoted in bold.

Time **Event Location - CICG** 08:30-10:30 Room 13 Session 3 (Level 2) "Bioenergy and Food" Chair: Sergey Paltsev **Endogenous Land Use And Supply, And Food Security In Brazil** by Ferreira-Filho, Joaquim Bento and Mark Horridge Biofuel policies and the poor: an assessment of the impact of EU biofuel policies on food consumption and poverty in developing countries applying MIRAGE by Estrades, Carmen and David Laborde **Impacts of Alternative Climate Change Mitigation Policies on Food Consumption under Different Diet Scenarios** by **Valin**, **Hugo**, Petr Havlik, Aline Mosnier and Michael Obersteiner Confronting the Food-Energy-Environment Trilemma: Global Land **Use in the Long Run** by Steinbuks, Jevgenijs and Thomas Hertel

#### 08:30-10:30 Session 4 - Organized Session

Room 14 (Level 2)

"Global land conversion and environmental policy"

Organizer/Chair: Steven Rose

(LCVCI 2

### Water Availability and Global Land Use Change

by **Liu, Jing**, Farzad Taheripour, Thomas Hertel, Ximing Cai and Xiao Zhang

 Spatially-Explicit Modeling of the Intensive and Extensive Margins of Land Use in Agriculture

by Villoria, Nelson

 Effects of environmental and energy policies on long run patterns of land use

by Golub, Alla, Thomas Hertel and Steven Rose

Discussants: Angelo Gurgel and Hans van Meijl

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Time	Event	<b>Location - CICG</b>
08:30-10:30	Session 5 - Organized Session  "Regional Integration and Free Trade Agreements in AFRICA (Part 1)"  Organizers: WTO, IFPRI, AGRODEP  Chairs: Antoine Bouët and Mustapha Sadni Jallab	Room 15 (Level -1)
	<ul> <li>The Impact Of Trade Liberalization On Poverty In Kenya: A         Microsimulation         by Omolo, Miriam     </li> </ul>	
	<ul> <li>The relationship between Trade, FDI and Economic growth in         Tunisia: An application of autoregressive distributed lag model         by Belloumi, Mounir     </li> </ul>	
	<ul> <li>The Impact of Skilled Labour Migration on Remittance Growth and <u>Development in Africa</u></li> <li>by Kamande, Mercyline</li> </ul>	
	<ul> <li>Public investment in irrigation and training for an agriculture-led development: a CGE approach for Ethiopia</li> <li>by Beyene, Lulit Mitik, Ermias Engeda and Zelalem Hailegiorgis</li> </ul>	

08:30-10:30 Session 6

**Room 16** (Level -1)

"Food Prices and Security: Africa and the Middle East"

Chair: Harald Grethe

How Vulnerable are the Economies of the Middle East and North Africa to Global Food Price Shocks?

by Ianchovichina, Elena, Josef Loening and Christina Wood

- Food security and storage in the Middle East and North Africa
   by Larson, Donald, Julian Lampietti, Christophe Gouel, Carlo Cafiero and John Roberts
- The Growth and Food Security Implications of the EU-ECOWAS FTA
   Scenarios
   by Fofana, Ismael and Fatou Cisse
- Impacts of Border Food Price Shocks on Poverty in Uganda under
   Imperfect Domestic Spatial Price Transmission
   by Boysen, Ole

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Time	Event	Location - CICG
08:30-10:30	Session 7	Room 18
	"Labor Markets and Population Aging"	(Level -1)
	Chair: Masakazu Watanuki	
	<ul> <li>Assessing Labour Market Impacts of Trade Opening in Uruguay</li> <li>by Peluffo, Adriana</li> </ul>	
	<ul> <li><u>Labour Market Clearing Conditions and the Second Theorem of Welfare Economics</u></li> <li>by McDonald, Scott</li> </ul>	
	<ul> <li>Population Aging in the Interdependent Global Economy: A         Computational Approach with a Prototype Overlapping Generations         Model of Global Trade         by Oyamada, Kazuhiko, Masakazu Someya and Ken Itakura     </li> </ul>	
	<ul> <li>Gendered Employment Data for Global CGE Modeling</li> <li>by Dimaranan, Betina, Kathryn Pace and Alison Weingarden</li> </ul>	

10:30-11:00 **Coffee Break** 

11:00-13:00 **Session 8**  Room 3

"Climate Change and Agricultural Policies"

Chair: Alla Golub

(Level 0/Ground floor)

- Relative agricultural productivity and tropical deforestation by Rose, Steven, Alla Golub, Thomas Hertel and Brent Sohngen
- A global assessment of livestock mitigation from reducing emissions and enhancing soil carbon stocks

by Henderson, Ben, Alla Golub, Djauhari Pambudi, Thomas Hertel and Pierre Gerber

- A global-to-local modelling approach to land use dynamics in Vietnam: Potential effects of a high climate impact and a high economic growth scenario
  - by Rutten, Martine and Michiel Van Dijk
- Estimating the costs of reducing CO2 emission via avoided deforestation with economic and integrated assessment modeling by Overmars, Koen, Elke Stehfest, Andrzej Tabeau, Hans van Meijl, Angelica Mendoza Beltrán and Tom Kram

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Time	Event	<b>Location - CICG</b>
11:00-13:00	Session 9 "Impact of Global or Rich Country Policies on Poverty" Chair: Maros Ivanic	Room 4 (Level 0/Ground floor)
	<ul> <li>Cooperation vs. non cooperation in the multilateral trading system:</li> <li>the impact on poverty and inequality in developing countries</li> <li>by Bouët, Antoine, Carmen Estrades and David Laborde</li> </ul>	
	<ul> <li>The Odds of Achieving of MDGs</li> <li>by Go, Delfin S. and Jose Alejandro Quijada</li> </ul>	
	<ul> <li>The Global Welfare and Poverty Effects of Rich Nation Immigration</li> <li>Barriers</li> <li>by Bradford, Scott</li> </ul>	
	<ul> <li>The Welfare Implications of Services Liberalization in a Developing         Country         by Rebei, Nooman and Nizar Jouini     </li> </ul>	
11:00-13:00	Session 10 - Organized Session  "New Developments in Databases for CGE Modeling"	Room 13 (Level 2)

Organizer/Chair: Tani Fukui

How a Global Inter-Country Input-output Table with a Processing **Trade Account is Constructed from the GTAP Database** 

by Tsigas, Marinos, Zhi Wang and Mark Gehlhar

- **Estimation of Tariff Equivalents for the Services Sector** by Mitaritonna, Maria Cristina
- A Global Database of Foreign Affiliate Sales by **Fukui, Tani** and Csilla Lakatos

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Time **Event Location - CICG** 11:00-13:00 Room 14 Session 11 (Level 2) "Climate Change Policy" Chair: Adam Rose **Comparing Policy Impacts of Different Household Demand Systems** in a CGE Model by Cao, Liangyue, Tony Wiskich, Cedric Hodges and Krispin McAndrew **Macroeconomic Assessment of Vehicle Carbon Policies Using a Transport-CGE-Model for Germany** by Beestermoeller, Robert and Jan Abrell The role of competitiveness instruments in the climate change policy debate - Addressing fragmented carbon markets by Mullaly, Damian, Elisa Lanzi, Jean Chateau and Rob Dellink Carbon tariffs for financing clean development by Springmann, Marco

11:00-13:00 Session 12

**Room 15** (Level -1)

"Agricultural Policy and Global Food Supply"

Chair: Wusheng Yu

- Should private storage be subsidized to stabilize agricultural markets once price support schemes are removed? A General Equilibrium analysis applied to European reforms by Femenia, Fabienne
- Modelling the re-allocation of the European Union's single farm payment entitlements and the re-introduction of set-aside
   by Jensen, Hans Grinsted and Wusheng Yu
- by Ferrari, Emanuele, Pierre H Boulanger, Aida Gonzalez-Mellado and Scott McDonald
- by **Berthou**, **Silas** and Kim Martin Lind

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Time	Event	Location - CICG
11:00-13:00	Session 13 – Organized Session  "Social Life Cycle Assessment of Products with GTAP and the Social Hotspot Database"  Organizer/Chair: Catherine Benoit	Room 16 (Level -1)
	<ul> <li>Visualizing Social Issues in Supply Chains Using The Social Hotspot         Database and Providing Social Risk and Opportunity Information for             Product Category Supply Chains Utilizing the Social Hotspot             Database: Findings from Seven Studies             by Benoit, Catherine, Deana Aulisio and Gregory Norris     </li> </ul>	
	<ul> <li>Progress in Social Life Cycle Attribute Assessment</li> <li>by Norris, Gregory</li> </ul>	
11:00-13:00	Session 14 "NTBs and Trade" Chair: Anders Aeroe	Room 18 (Level -1)

 State Trading Enterprises as Non-Tariff Measures: Theory, Evidence and Future Research Directions

by Mccorriston, Steve and Donald MacLaren

 Comparing gravity model specifications to estimate NTBs using the GTAP framework

by **Befus, Tanja**, Martina Brockmeier and Beyhan Bektasoglu

- Product standards and margins of trade: Firm level evidence
   by Fontagne, Lionel, Gianluca Orefice, Roberta Piermartini and Nadia
   Rocha
- Harmonization and mutual recognition: What are the effects on trade?

by Rocha, Nadia, Roberta Piermartini and Gianluca Orefice

13:00-14:30 Lunch

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Time	Event	<b>Location - CICG</b>
14:30-16:00	Session 15 – Organized Session  "Modelling current EU policy issues: FDI, jobs, carbon emissions and global value chains"  Organizer/Chair: Lucian Cernat  - Assessing the impact of an EU-China investment agreement by Francois, Joseph  - Border carbon adjustment and potential trade retaliation: an evaluation with MIRAGE-e by Fouré, Jean, Houssein Guimbard and Stéphanie Monjon  - The game of trading jobs for emissions by Arto, I, Jose Manuel Rueda-Cantuche, E Dietzenbacher, V Andreoni, I Mongelli, A Genty and Alejandro Villanueva	Room 3 (Level 0/Ground floor)

14:30-16:00 Session 16

Room 4

"Armington and International Price Transmission"

Chair: Peter Minor

(Level 0/Ground floor)

Shifting Armington trade preferences employing gravity models:
 Addressing the 'small shares stay small' problem.
 by Philippidis, George, Helena Resano, Ana Sanjuan, Michael Bourne and

by **Philippidis, George**, Helena Resano, Ana Sanjuan, Michael Bourne and Elisavet Kitou

- Some methodological and practical issues of using CGE models to evaluate free trade agreements: the roles of initial trade patterns, baseline projection, and Armington elasticities
   by Yu, Wusheng and Hans Grinsted Jensen
- International Price Transmission in CGE Models: How to Reconcile
   Econometric Evidence and Endogenous Model Response?
   by Siddig, Khalid and Harald Grethe

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Time	Event	<b>Location - CICG</b>
14:30-16:00	Session 17	Room 13
	"Bioenergy"	(Level 2)
	Chair: Jevgenijs Steinbuks	
	<ul> <li>Biofuels targets and mandates around the world: Impacts on energy and agricultural markets</li> <li>by Calzadilla, Alvaro and Ruth Delzeit</li> </ul>	
	<ul> <li>Bioenergy and Land Use Change</li> <li>by Ciaian, Pavel, d'Artis Kancs and Miroslava Rajcaniova</li> </ul>	
	<ul> <li>Renewable Fuel Standards: Efficiency vs. Rebound Effect</li> <li>by Taheripour, Farzad and Wally Tyner</li> </ul>	
14:30-16:00	Session 18 "EU FTAs" Chair: Yvan Decreux	Room 14 (Level 2)

- The impact of EU-Korea FTA on Chinas economic and trade: Based on

by Yu, Liu, Wanlu Dong, Yaxiong Zhang and Cai Songfeng

The EU-Ukraine Trade Liberalization: How much do the costs of tariff elimination matter?

by Olekseyuk, Zoryana and Miriam Frey

the Dynamic GTAP model

Assessing the impact of the EU-Chile FTA on international trade
 by Bureau, Christophe and Sébastien Jean

14:30-16:00 Session 19 Room 15
"Changing Trade: Offshoring, Services Trade and eBay" (Level -1)

Chair: Erly Texeira

 On the Determinants of Trade in Services: Evidence from the MENA Region

by **Zaki, Chahir** and Fida Karam

- There Goes Gravity: How eBay Reduces Trade Costs
   by Lendle, Andreas, Marcelo Olarreaga, Simon Schropp and Pierre-Louis
   Vézina
- Offshoring and Migration in a World with Policy Spillovers
   by Beverelli, Cosimo, Gianluca Orefice and Nadia Rocha

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Time	Event	<b>Location - CICG</b>
14:30-16:00	Session 20 "Modelling Firm Heterogenity"  Chair: Nelson Villoria	Room 16 (Level -1)
	<ul> <li>Newtoning financial development with heterogeneous firms</li> <li>by Cezar, Rafael</li> </ul>	
	<ul> <li>Reducing Uncertainty of Trade Policy: Reassessing the Value of the Doha Round in a Global CGE with Firm Heterogeneity</li> <li>by Laborde, David and Lauren Deason</li> </ul>	
	<ul> <li>Deriving the Armington, Krugman and Melitz models of trade</li> <li>by Dixon, Peter and Maureen Rimmer</li> </ul>	
14:30-16:00	Session 21 "Finland and EU Austerity" Chair: Roberto Roson	<b>Room 18</b> (Level -1)
	<ul> <li>Coping with Structural Change - the Regional Effects of         Decentralisation in Finland         by Ahokas, Jussi, Juha Honkatukia, Jouko Kinnunen and Antti Simola     </li> </ul>	
	<ul> <li>The Marginal Cost of Funds from Different Taxes in Finland - An AGE evaluation</li> <li>by Dixon, Peter, Juha Honkatukia and Maureen Rimmer</li> </ul>	
	<ul> <li>What is the Price of Austerity? - A Dynamic AGE-analysis for Finland by Tamminen, Saara and Juha Honkatukia</li> </ul>	

16:00-16:30 Coffee Break

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Time	Event	<b>Location - CICG</b>
16:30-18:30	Session 22 - Organized Session  "Result exploitation and analysis in large-scale economic models - state of the art and visions"  Organizer/Chair: Wolfgang Britz  - Post-model Analysis in large-scale models: the examples of Aglink-Cosimo, CAPRI and GTAP	Room 3 (Level 0/Ground floor)
	<ul> <li>by Perez Dominguez, Ignacio, Wolfgang Britz and Badri Narayanan</li> <li>A GTAP-E Extensions for Emission Abatement Analysis         by McDougall, Robert</li> <li>Machine Learning as a data driven tool in result analysis         by Britz, Wolfgang</li> </ul>	

#### 16:30-18:30 Session 23 - Organized Session

Room 4
(Level 0/Ground floor)

"Non-tariff measures: data, analysis and policy agenda"

Organizers: WTO, UNCTAD, ITC

Chair: Nadia Rocha

 WTO activities on NTMs: Evidence from Specific Trade Concerns in TBT and SPS

by Piermartini, Roberta

- <u>UNCTAD activities on NTMs: Transparency in Trade initiative and the research and analysis</u>
   by Nicita, Alessandro
- Business Perspectives on Obstacles to Trade
   by Mimouni, Mondher, Yvan Decreux and Julia Spies
- Round Table: The political agenda on NTMs
   Speakers: Anders Aeroe (ITC), Patrick Low (WTO) and Guillermo Valles (UNCTAD)

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Time	Event	<b>Location - CICG</b>
16:30-18:30	Session 24 "Trade in Energy"  Chair: Farzad Taheripour	Room 13 (Level 2)
	<ul> <li>Oil price dynamics, macro-finance interactions and the role of financial speculation</li> <li>by Morana, Claudio</li> </ul>	
	<ul> <li>A Global Assessment Of The Economic Effects Of Export Taxes.</li> <li>by Bouët, Antoine, Carmen Estrades and David Laborde</li> </ul>	
	<ul> <li>China's Net Exports of Embodied Carbon Dioxide Emissions by Qi, Tianyu and Niven Winchester</li> </ul>	
	<ul> <li>The Natural Gas Sector in Post-Revolution Egypt</li> <li>by Siddig, Khalid and Harald Grethe</li> </ul>	

16:30-18:30 Session 25

Room 14

"Preferential Arrangements: Asia and The Middle East"

(Level 2)

Chair: Donald MacLaren

- A GTAP Analysis of the Proposed BRICS Free Trade Agreement: With Special Reference to the Indian Economy
   by Sharma, Sachin Kumar
- An EU-ASEAN Free Trade Area with a focus on Singapore and Malaysia

by Sonmez, Yontem and Scott McDonald

- Moving towards EU or MENA? Comparing Alternative Turkish
   Foreign Policies Utilizing the GTAP framework
   by Bektasoglu, Beyhan, Tanja Befus and Martina Brockmeier
- Welfare and Structural Adjustment Implications of Asian Track and Trans-Pacific Track Sequencings of FTAs
   by Itakura, Ken and Hiro Lee

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Time Event Location - CICG

16:30-18:30 Session 26
"Trade and Africa" (Level -1)

Chair: Betina Dimaranan

- Trade liberalization, urban-rural remittances and income inequalities in Senegal: lessons from a CGE analysis
   by Bouët, Antoine, Elisa Dienesch and Laetitia Leroy
- Dynamic Effects of an Economic Partnership Agreement:
   Implications for Senegal
   by Cissokho, Lassana
- Economic impacts of the establishment of a Continental Free Trade
   Area: a CGE analysis
   by Karingi, Stephen and Simon Mevel
- Trade and agricultural policies in Malawi: Not all policy reform is equally good for the poor by Douillet, Mathilde

16:30-18:30 Session 27 Room 16
"European Climate Change Assessment" (Level -1)

Chair: Kym Anderson

- The Impacts of Passing Climate Change Tipping Points: A CGE assessment for Europe of rapid sea-level rise
  - by Ciscar, Juan Carlos, Robert Nicholls and Jon Pycroft
- The economic assessment of changes in ecosystem services: an application of the CGE methodology
   by Bosello, Francesco, Fabio Eboli, Ramiro Parrado, Renato Rosa, Paulo A.L.D. Nunes and Helen Ding
- Climate Change Impacts on Tourism in the Mediterranean
   by Roson, Roberto and Martina Sartori
- Modeling the Impacts of Climate Change on the Energy Sector: a
   Swiss perspective
   by Gonseth, Camille and Marc Vielle

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Time	Event	<b>Location - CICG</b>
16:30-18:30	Session 28 "Climate Change Policy"	Room 18 (Level -1)
	<ul> <li>Chair: Liwayway Adkins</li> <li>The effectiveness of anti-leakage policies in the European Union:         results for Austria         by Bednar-Friedl, Birgit, Veronika Kulmer and Thomas Schinko</li> </ul>	
	<ul> <li><u>Taxing Carbon along the Value Chain. A WIOD CGE Application.</u></li> <li>by Schenker, Oliver, Simon Koesler and Andreas Löschel</li> </ul>	

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Time Event Location - CICG

#### 19:30-23:00 Conference Dinner

# **Hotel Le Richemond**Rue Adhemer Fabri, 8-10, Geneva

#### **Directions from CICG to Hotel Le Richemond**

- By foot: Participants can walk from CICG, by exiting to Rue de Varembé, turn right on Avenue de France which descends directly to the Lake, and follow the lakeside (Avenue de France becomes Quai Wilson, which then becomes Quai de Mont Blanc) to the Jardin Brunswick. The Hotel is located on rue Adhémar-Fabri, which runs alongside the Jardin Brunswick. Walking time is approximately 20 minutes.
- By bus: Participants can take the Bus no 5 stop at "Vermont" or the
  Tramway no 13-15 stop on the Place des Nations, to the Railway Station
  Cornavin. From the Railway Station, participants should take Rue des
  Alpes on foot, which descends directly to the Jardin Brunswick. The Hotel
  is located on rue Adhémar-Fabri, which runs alongside the Jardin
  Brunswick. Walking time is approximately 10 minutes from the station.
- By taxi: Direct from CICG Centre to Hotel Le Richemond. Cost per taxi is approximately 15 swiss francs.



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Time	Event	Location
08:30-10:30	Session 29 "Climate Change Policy and Assessment" Chair: Angelo Gurgel	Room 3 (Level 0/Ground floor)
	<ul> <li>The determinants of mitigation costs: emission profile, revenue recycling and transport infrastructure</li> <li>by Hamdi-Cherif, Meriem</li> </ul>	
	<ul> <li>The Role of China in Mitigating Climate Change</li> <li>by Paltsev, Sergey, Jennifer Morris, Yongxia Cai, Valerie Karplus and</li> <li>Henry D. Jacoby</li> </ul>	
	<ul> <li>The global energy, CO2 emissions, and economic impact of vehicle fuel economy standards</li> <li>by Karplus, Valerie, Paul Kishimoto and Sergey Paltsev</li> </ul>	
	<ul> <li><u>Carbon Tariff and Its Impact on Chinas Agricultural Production and Trade</u></li> <li>by Lin, Hai</li> </ul>	

Room 4

(Level 0/Ground floor)

08:30-10:30 Session 30

"Climate Change Policy: North America and Asia"

Chair: Dominique van der Mensbrugghe

- Cap or Tax emissions? A Multi-sector DSGE Analysis

- by **Dissou, Yazid**, Lilia Karnizova and Qian Sun
- Global Economic Analysis of a U.S. Clean Energy Standard
   by Adkins, Liwayway, Alla Golub, Bryan Mignone and Thomas Hertel
- Post-Kyoto Climate Regimes: Contraction and Convergence of CO2
   Emissions verses Per Capita Cumulative CO2 Emissions
   by Tamechika, Hanae
- Building Input-Output tables in physical units and in money value to calibrate hybrid energy-economy CGE models: application to the Brazilian economy.
   by Lefevre, Julien

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Time	Event	Location
08:30-10:30	Session 31  "Modelling Developing Country Issues"  Chair: Robert McDougall	Room 13 (Level 2)
	<ul> <li>How appropriate are global models for long-run poverty     assessment?</li> <li>by Ivanic, Maros</li> </ul>	
	<ul> <li>Determinants Of The Growth Elasticity Of Poverty Reduction: Why         The Impact On Poverty Reduction Is Large In Some Developing         Countries And Small In Others         by Wieser, Christina     </li> </ul>	
	<ul> <li>MyGTAP Model and Data Program - A New Regional Accounting</li> <li>System and Demand Function (LES)</li> <li>by Minor, Peter and Terrie Walmsley</li> </ul>	
	<ul> <li>Diamonds aren't Forever: A Dynamic CGE Analysis of the Mineral Sector in Botswana</li> <li>by Go, Delfin S., Scott McDonald and Karen Thierfelder</li> </ul>	
08:30-10:30	Session 32 - Organized Session "The Modular Applied GeNeral Equilibrium Tool (MAGNET)" Organizer/Chair: Hans van Meijl	Room 14 (Level 2)
	<ul> <li>The development of the MAGNET strategy</li> <li>by van Meijl, Hans and Geert Woltjer</li> </ul>	
	<ul> <li>The modular approach in MAGNET: GTREE + Country switches</li> <li>by Kuiper, Marijke and Geert Woltjer</li> </ul>	

DSS and Gemse\_analyst: A consistent and flexible framework from

primary data towards scenario analysis

by Woltjer, Geert, Martin Banse and Martine Rutten

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Time	Event	Location
08:30-10:30	Session 33 - Organized Session	Room 15
	"Regional Integration and Free Trade Agreements in AFRICA (Part 2)"	(Level -1)
	Organizers: WTO, IFPRI, AGRODEP	
	Chairs: Antoine Bouët and Mustapha Sadni Jallab	
	- Growth, Fiscal and Poverty Impacts of the Cameroon-EU Economic	
	Partnership Agreement. A Dynamic Microsimulation CGE Analysis for	
	<u>Cameroon</u>	
	by <b>Emini, Christian Arnault</b>	
	<ul> <li>Impacts of Regional Trade Agreements on Trade in Agrifood</li> </ul>	
	Products: Evidence from Eastern and Southern Africa	
	by <b>Makochekanwa, Albert</b>	
	<ul> <li>Non - Tariff Barriers and Exports: An Impact Analysis from Africa -</li> <li>EU and Africa - USA Trade Relations</li> </ul>	
	by <b>Kareem, Olayinka</b>	
	- The impact of trade liberalization in Senegal: An assessment of the	
	potential impacts of an Economic Partnership Agreement (EPA) on	
	Senegalese Households using a Single country CGE analysis	
	by <b>Fall, Cheickh Sadibou</b>	
08:30-10:30	Session 34	Room 16
	"Human Capital and Education"	(Level -1)
	Chair: Ashley Winston	
	<ul> <li>Public Policy and Growth in Canada: An applied Endogenous Growth</li> </ul>	
	Model with Human and Knowledge Capital Accumulation	

- by Voyvoda, Ebru and Erinc Yeldan
- The impact of Oportunidades on human capital and income distribution: a top-down/bottom-up approach by **Debowicz**, **Dario** and Jennifer Golan
- Analysis Of The Economic Impacts Of The South African Child Support Grant Via A Bottom-Up/Top-Down CGE Approach by Chitiga, Margaret
- How to model a child in school? A dynamic macro-simulation study for Tanzania by Schuerenberg-Frosch, Hannah

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Time	Event	Location
08:30-10:30	Session 35 – Organized Session "GTAP model extensions applied to trade and trade policy issues in India and	Room 18 (Level -1)
	China"	(Bever 1)
	Organizer: Marinos Tsigas	
	Chair: Ralf Peters	
	<ul> <li><u>Liberalization of FDI in Retail Services: A Fast Death Instrument for India?</u></li> <li>by <b>Lakatos, Csilla</b> and Tani Fukui</li> </ul>	
	- The Effect of China's Real Exchange Rate Appreciation in the Next	
	Decade— An Investigation of a Recursive Dynamic CGE Analysis	
	by <b>Li, Xin</b>	
	- Discussant: Will Martin	
10:30-11:00	Coffee Break	
11:00-13:00	Session 36	Room 3
	"Detailed Single Country Analysis"	(Level 0/Ground floor)
	Chair: Martin Banse	
	<ul> <li>Going beyond the magic 57 - Challenges to develop a detailed Single-country CGE for Germany</li> <li>by Rothe, Andrea, Martin Banse and Scott McDonald</li> </ul>	
	<ul> <li>USAGE-R51, a state-level multi-regional CGE model of the US economy</li> <li>by Dixon, Peter, Maureen Rimmer and Glyn Wittwer</li> </ul>	

Trade Liberalisation and Regional Disparities: Evidence from a

Multi-Regional General Equilibrium Model of India

by Naranpanawa, Athula and Rashmi Arora

Presenters should plan to arrive 10 minutes early to their session with their presentation on a USB drive. It is also recommended to have a PDF of the presentation available to help ensure compatibility. Presenters are denoted in bold.

Time	Event	Location
11:00-13:00	Session 37 "Impact of Climate Change on Food Supply and Poverty" Chair: Bryan Roberts	Room 4 (Level 0/Ground floor)
	<ul> <li>Food Security and Climate Change in Bangladesh: An Economy-Wide Analysis</li> <li>by Banerjee, Onil, Moogdho Mahzab, Selim Raihan and K. M. Nabiul Islam</li> </ul>	
	<ul> <li>A General Equilibrium Analysis of Alternative Scenarios for Food and Energy Subsidy Reforms in Iran</li> <li>by Gharibnavaz, Mohammad Reza and Robert Waschik</li> </ul>	
	<ul> <li>Estimating the Economic Impacts of Climate Change on Global Food         Market and East Asian Economies         by Chen, Chi-Chung, Ching-Cheng Chang and Shih-Hsun Hsu     </li> </ul>	
	<ul> <li>Analysis of economic impacts including poverty under global CO2         emissions reduction targets         by Homma, Takashi</li> </ul>	
11:00-13:00	Session 38 - Organized Session  "The development of Long Term Baselines for Modelling"  Organizer/Chair: Terrie Walmsley	Room 13 (Level 2)
	<ul> <li>Long-term economic growth and environmental pressure: reference scenarios for future global projections</li> <li>by Chateau, Jean, Rob Dellink, Elisa Lanzi and Bertrand Magne</li> </ul>	

- A general equilibrium long-term path of the world economy
   by Fontagné, Lionel, Jean Fouré and Maria Priscila Ramos
- China and the world in 2030 global dynamic scenarios
   by Maliszewska, Maryla, Hans Timmer and Dominique van der Mensbrugghe
- Growth in Emerging Economies: Implications for Resource-Rich Countries by 2030

by Anderson, Kym and **Anna Strutt** 

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Time	Event	Location
11:00-13:00	Session 39 - Organized Session	Room 14
	"Trade and Employment, ILO - UNCTAD - WTO"	(Level 2)
	Organizer/Chair: Ralf Peters	
	- The Labour Market in CGE Models	
	by <b>Boeters, Stefan</b> and Luc Savard	
	<ul> <li>A Coherent Agriculture Trade Policy for Mexico</li> <li>by Peters, Ralf and David Vanzetti</li> </ul>	
	<ul> <li>Trade Liberalization and Employment in Indonesia: A CGE Analysis by Cheong, David and Xiaohong Sonnenschein</li> </ul>	

11:00-13:00 Session 40

"Climate Change Policy"

Room 15

(Level -1)

Chair: Richard Garbaccio

 A Global Carbon Tax on Climate Change: Policy Implications for Latin America

by Watanuki, Masakazu and Paolo Giordano

- <u>Cap-and-Trade Climate Policies with Price-Regulated Industries:</u>
   <u>How Costly are Free Allowances?</u>
  - by Lanz, Bruno and Sebastian Rausch
- <u>Carbon leakage from sub-national climate initiatives: The case of California</u>

by Caron, Justin, Sebastian Rausch and Niven Winchester

 Sectoral Targets as a Means to Reduce Global Carbon Emissions by Peterson, Everett, Joachim Schleich and Vicki Duscha

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Time	Event	Location
11:00-13:00	Session 41 "Bioenergy and Climate Change: Southeast Asia and Brazil" Chair: Joaquim Bento Ferreira-Filho	Room 16 (Level -1)
	<ul> <li>Estimating economy-environment linkages of urban pollution mitigation in an economy-wide model for India by Sahin, Sebnem, Anil Markandya, Aarsi Sagar and Muthukumara Mani</li> </ul>	
	<ul> <li>Growth of the Brazilian biofuel sector: an inter-temporal general equilibrium analysis</li> <li>by Vinyes, Cristina and Terry Roe</li> </ul>	
	<ul> <li>Costs Of Reducing Greenhouse Gas Emissions In Brazil</li> <li>by Gurgel, Angelo and Sergey Paltsev</li> </ul>	
11:00-13:00	Session 42 - Organized Session  "Offshoring, trade in tasks and the domestic economy"  Organizer/Chair: Susan Stone	Room 18 (Level -1)
	<ul> <li>Multinational firms go away: A CGE Evaluation of Divestments</li> <li>by Gomez Gomez-Plana, Antonio and María C. Latorre</li> </ul>	
	<ul> <li>Does fragmentation of production imply fragmentation of jobs?</li> <li>by Nordas, Hildegunn, Rainer Lanz and Sebastien Miroudot</li> </ul>	
	<ul> <li>The Value-added Structure of Gross Exports: Measuring Revealed</li> <li>Comparative Advantage by Domestic Content in Exports</li> <li>by Koopman, Bob, Zhi Wang and Shang-Jin Wei</li> </ul>	
	<ul> <li>Global Production Networks: Labour Market Implications and Policy         Challenges         by Stone, Susan and Novella Bottini     </li> </ul>	

13:00-14:30 Lunch

Presenters should plan to arrive 10 minutes early to their session with their presentation on a USB drive. It is also recommended to have a PDF of the presentation available to help ensure compatibility. Presenters are denoted in bold.

Time	Event	Location
14:30-15:30	Session 43 "Global Supply Chains" Chair: Lionel Fontagné	Room 13 (Level 2)
	<ul> <li>Identifying hubs and spokes in global supply chains with redirected trade in value added</li> <li>by Veenendaal, Paul J. J., Arjan Lejour and Hugo Rojas-Romagosa</li> </ul>	
	<ul> <li>Integrating India into global production networks through RTAs and productivity gains: The case of the Auto-Parts Industry</li> <li>by Sen, Rahul and Badri Narayanan</li> </ul>	
14:30-15:30	Session 44 – Organized Session  "Climate Change Impacts - Approaches and Perspectives"  Organizer/Chair: S. Amer Ahmed	Room 14 (Level 2)
	<ul> <li>Climate Change and Economic Growth in Bangladesh</li> <li>by Ahmed, S. Amer and Angel Aguiar</li> </ul>	
	<ul> <li>Implications of climate volatility for agricultural commodity markets under alternative economic and energy futures</li> <li>by Diffenbaugh, Noath, Thomas Hertel, Martin Scherer and Monika Verma</li> </ul>	
14:30-15:30	Session 45 "Water and Climate Change" Chair: Jing Liu	Room 15 (Level -1)
	<ul> <li>Economy-wide Impacts of Climate Change on Water Resources: A CGE         Approach         by Ponce, Roberto and Ramiro Parrado     </li> </ul>	
	<ul> <li>The economic impact of climate driven changes in water availability in Switzerland</li> </ul>	

by Faust, Anne-Kathrin, Camille Gonseth and Marc Vielle

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Time	Event	Location
14:30-15:30	Session 46 "Economic Issues: The Middle East" Chair: Badri Narayanan	Room 18 (Level -1)
	<ul> <li>GAFTA Agreement: Potential Economy wide effects</li> <li>by Bayoumi, Shaymaa</li> </ul>	
	<ul> <li>The political economy of the Arab spring: a trade policy perspective by Sadni Jallab, Mustapha, Nassim Oulmane and David Laborde</li> </ul>	
16:00-17:30	Plenary Session "Trade Governance and Environment: 21st Century Challenges" Chair: Roberta Piermartini	Rooms 3-4 (Level 0/Ground floor)
	<ul> <li>Global Trade Governance in the 21st century</li> <li>by Baldwin, Richard</li> </ul>	
	<ul> <li>Green Growth, Market Failures, and Technological Change by Stavins, Robert N.</li> </ul>	
17:30-18:00	Closing Ceremony Chair: Terrie Walmsley	Rooms 3-4 (Level 0/Ground floor)
	2042 G. G. G. J. P. J.	

#### **2013 Conference Preview**

#### 16th Annual Conference on Global Economic Analysis

"New Challenges for Global Trade in a Rapidly Changing World"



Shanghai Institute of Foreign Trade Shanghai, China June 12-14, 2013

#### **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 around:

- Measurement and impact analysis of:
  - changing world monetary system on global trade
  - demographic transition and population aging on global trade and the world economy
- Trade, environment, natural resources and sustainable development
- The impact of internet and new innovation on global trade
- Interaction between global trade and poverty, income distribution, inequality and development

#### **Abstract / Session Proposal Submission**

Abstracts and organized session proposals will be accepted on the GTAP website from early November 2012 through January 15, 2013. All submissions will go through a peer review process. The accepted presenters will be notified in early March 2013 with papers due by April 15, 2013.

Please address questions on this event to:

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