14º Annuαl Conference



on Global Economic Analysis

"Governing Global Challenges: Climate Change, Trade, Finance and Development"

June 16-18, 2011
Venice, Italy
Ca' Foscari
University of Venice
San Giobbe Campus



Organized by:







In association with:







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General Conference Information

Objective and Overview

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.

The conference will feature a plenary session each day comprised of distinguished, intellectual leaders in their respective fields. These presentations are designed to introduce participants to new topics as well as provide fresh insights into familiar ones. The content of these sessions is selected to reflect the overall conference themes:

"Governing Global Challenges: Climate Change, Trade, Finance and Development"

- Environment and Climate
- Trade
- Distributional and Equity Issues
- Dynamics and Growth
- Energy Supply and Security
- International Health Issues
- Poverty, Employment and Development
- Conflicts
- Natural Resources Supply and Security
- Methodology, Software and Data

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. Those papers designated with the "Featured Paper" distinction, scored the highest in the peer review process. Papers from each session may be accessed through the conference homepage on the GTAP website. http://www.gtap.agecon.purdue.edu/events/conferences/2011/ ISSN 2160-2115 (online)

Special Recognition

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

Conference Co-Chairs	Conference Abstract Reviewers				
Thomas Hertel	Mustafa Acar	Alla Golub	Maureen Rimmer		
Carlo Carraro	Angel Aguiar	Angelo Gurgel	Renato Rosa		
Francesco Bosello	Kym Anderson	Hsin Huang	Roberto Roson		
	Edward Balistreri	Ken Itakura	Luca Salvatici		
	Jayson Beckman	Stephen Karingi	Ronald Sands		
Conference Committee	Andrea Bigano	Leena Kerkela	Alexander Sarris		
Keigo Akimoto	Francesco Bosello	Bob Koopman	Khalid Siddig		
Juan Carlos Ciscar	Valentina Bosetti	Marijke Kuiper	Jevgenijs Steinbuks		
Joseph François	Antoine Bouët	Huey-Lin Lee	Anna Strutt		
Hakim Ben Hammouda	Johannes Broecker	Amanda Leister	Wojtek Szewczyk		
Sébastien Jean	Mary Burfisher	Carlos Ludena	Farzad Taheripour		
Patrick Jomini	Rajesh Chadha	Donald MacLaren	Massimo Tavoni		
Robert Koopman	Thomas Chappuis	Ton Manders	Karen Thierfelder		
Tom Kram	John Cockburn	Emanuele Massetti	Truong Truong		
Sergey Paltsev	Piero Conforti	Scott McDonald	Wally Tyner		
Hom Pant	Enrica De Cian	Denis Medvedev	Willem van der Geest		
Richard Tol	Peter Dixon	Tasneem Mirza	Monika Verma		
Dominique van der Mensbrugghe	José Elías Durán Lima	Badri Narayanan	Nelson Villoria		
Hans van Meijl	Fabio Eboli	Alejandro Nin Pratt	Terrie Walmsley		
Terrie Walmsley	Joaquim Bento Ferreira-Filho	Hom Pant	Masakazu Watanuki		
Totale Wallington	Lionel Fontagné	Ramiro Parrado	Niven Winchester		
	Marco Fugazza	Janine Pelikan	Glyn Wittwer		
FEEM Events Office	James Giesecke	Everett Peterson	Sara Wong		
1 = 1 = 1 = 1 = 1 = 1	Paolo Giordano	Allan Rae	Wusheng Yu		
	Alex Gohin	Selim Raihan	Fan Zhai		

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

Organizing Institutions



Fondazione Eni Enrico Mattei

Fondazione Eni Enrico Mattei (FEEM) is a nonprofit, nonpartisan research institution devoted to the study of sustainable development and global governance. Officially recognized by the President of the Italian Republic in 1989 and in full operation since

1990, FEEM has grown to become a leading research centre, providing timely and objective analysis on a wide range of environmental, energy and global economic issues.

FEEM's mission is to improve through research the quality of decision-making in public and private spheres. This goal is achieved by creating an international and multidisciplinary network of researchers working on several innovative programmes, by providing and promoting training in specialized areas of research, by disseminating research results through a wide range of outreach activities, and by delivering directly to policy makers via participation in various institutional fora.

http://www.feem.it



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 economy-wide 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 database for the global economy which contains detailed country data, linked through bilateral trade, transportation and protection. Accompanying this database 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



Ca' Foscari University of Venice

Ca' Foscari University of Venice has a national and international outstanding reputation for academic excellence in both teaching and research. Founded on 6th August 1868 as the first Italian high school devoted to commerce and economics, it has grown and developed new relevant subject areas. The Faculty of Foreign Languages and

Literatures was established in 1954, while the Faculties of Letters and Chemistry were created in 1969. In 1990, the latter finally became the present Faculty of Science. The Faculty of Economics provides innovative teaching programmes combining economics (theory, methods and models) with legal, mathematical and statistical subjects, with management and business.

Since its foundation, the University has been housed in a remarkable fifteen-century palace on the Grand Canal. Nevertheless various are now the buildings hosting the university premises throughout Venice. Ca' Foscari is now a modern and well-renowned university which offers a wide range of teaching and research activities across four main subject areas: economics, languages, science and humanities.

http://www.unive.it

Supporting Institutions



Euro-Mediterranean Centre for Climate Change

The Euro-Mediterranean Centre on Climate Change (CMCC) is the Italian research centre on climate science and policy with its registered office and administration in Lecce and local units in Bologna, Venice, Capua, Sasari, Milan and Benevento. The society doesn't pursue profitable ends and aims to realize and manage the Centre, its promotion, and research coordination and different scientific and applied activities in the field of climate

change study. These activities are developed exclusively for the Center's work objectives, and favour collaboration among Universities, national and international research bodies, territorial bodies and the industrial sector. It operates in these circles in the name and on behalf of its consortium partners. CMCC activities focus on the development and applications of models of climate dynamics, impacts of climate change and adaptation and mitigation policies. The CMCC produces numerical simulations of global and regional models of climate change, as well economic analysis of its impacts on terrestrial and marine ecosystems and on economic activities. Climate policies are also evaluated, jointly with their implications on energy investments, research and development and the diffusion of climate-friendly technologies. Land use changes, deforestation and afforestation are integrated in the analysis of global impacts of climate change and of future paths of economic development in different world regions. CMCC activities are organised in six research Divisions: Scientific Computing and Operations (SCO), Numerical Applications and Scenarios (ANS), Climate Impacts and Policies (CIP), Impact on Soil and Coast (ISC), Impacts on Agriculture, Forest, and Natural Ecosystems (IAFENT) and Education, Documentation and Dissemination (FDD).

http://www.cmcc.it



International Center for Climate Governance

The International Center for Climate Governance (ICCG) is a joint initiative of the Fondazione Eni Enrico Mattei (FEEM) and the Fondazione Giorgio Cini (FGC), which focuses its research activities on the design of climate policy and related governing institutions.

Located on the Island of San Giorgio Maggiore, in front of Saint Mark's Square in Venice, the ICCG gathers researchers in economics and political sciences who explore the

interdependencies between the economic, social, cultural, religious and political aspects of climate governance.

Fully interdisciplinary and open to the interaction and cooperation between different worlds and cultures, the ICCG favours dialogues and negotiations to achieve equitable and effective decisions on climate policy. The ICCG promotes initiatives at the sectoral, regional, national, and international level designed to reduce greenhouse gas emissions in the atmosphere and to facilitate the adaptation of economic and environmental systems, particularly in developing countries, to the changing climate patterns.

The activities for the three years 2009-2011 have been funded by the Italian Ministry for the Environment, Land and Sea through the cooperation between ICCG and the Euro-Mediterranean Centre for Climate Change.

http://www.iccgov.org



TEN
Thematic
Environmental
Networks

TEN Center - Thematic Environmental Networks

The Center for Thematic Environmental Networks (TEN Center) is a Center for education and research in the fields of environment and sustainable development. TEN Center promotes the exchange of knowledge and information on the environmental field and offers tools and supplementary approaches in order to solve environmental issues with specific reference to sustainable development.

TEN Center promotes education and advanced training programs on sustainable development and environmental management; develops research activities on the main areas of environmental protection, with specific focus on developing countries; hosts initiatives which provide a meeting platform for the competent authorities, researchers and those who are involved in environmental and sustainable development issues.

http://www.univiu.org/research-training/research-ten/

Conference Venue, Floor Plan and Onsite Registration



Ca' Foscari University of Venice, San Giobbe Campus

The conference venue is the Ca' Foscari University of Venice's San Giobbe campus which houses the School of Economics and Business. In the 19th century, the historic buildings on campus hosted the municipal slaughterhouse. The place, where it once was planned to build a hospital designed by Le Corbusier, with the consequent demolition of the entire slaughterhouse complex, has been preserved by the project

of the architects Romeo Ballardini and Vittorio Spigai. They proposed to renew the entire area and industrial buildings with a general plan for the new campus of the faculty of economics. This project entailed the complete preservation of the 19th century slaughterhouse of San Giobbe, with a sequence of building interventions to reintegrate the area with its old buildings and ancient streets, traces and layouts, all of which have important historic value. The structure of the 19th century warehouse was safeguarded and the new parts inside the buildings were designed to have a light metallic structure, different from the compact walls of the ancient buildings; therefore, they are distinct from the older ones and clearly legible as new modern internal structures.

Conference Venue Floor Plan

8A

Conference Venue Location



Ca' Foscari University of Venice San Giobbe Campus Fondamenta S.Giobbe - Cannaregio, 873 30121 Venice Italy

9A, 9B 10A, 10B, 10C Aula Magna Concourse/Catering Area Registration Desk

Backup Concourse/Catering Area (in case of bad weather)

Onsite Registration

Upon arrival at the conference venue, participants should report to the registration desk to receive their materials. Dates and times of onsite registrations are listed below.

Date	Time	Location
Wednesday, June 15	17:30-19:30	Registration Desk
Thursday, June 16	08:00-18:30	Registration Desk
Friday, June 17	08:00-18:30	Registration Desk

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Daily Session Overview: Thursday, June 16

Full session details for this day are listed on pages 12-22.

Time	Location						
	Aula Magna	8A	9A	9B	10A	10B	10C
08:45-09:00	Welcome Address						
09:00-10:30	Plenary Session Market and Finance						
11:00-13:00	Session 1 An Ecosystem of Software Tools and Customized Value Added Data Products Using GTAP (Organized Session)	Session 2 Preferential Arrangements in the European Union	Session 3 Energy Policy	Session 4 Agricultural Policy Analysis	Session 5 Biofuels and Land Use	Session 6 FDI and Multinationals in Applied General Equilibrium Modeling (Organized Session)	Session 7 Domestic Policy Analysis in Africa
14:30-16:00	Session 8 Multilateral, Regional and Unilateral Trade Policies (Organized Session)	Session 9 Biofuels, Land Use and Food Security	Session 10 Climate Impacts	Session 11 Trade and Africa	Session 12 Labor Issues	Session 13 Preferential Arrangements in Asia	Session 14 Practical Implications of Intermediate Trade and Offshoring (Organized Session)
16:30-18:30	Session 15 New GTAP Data Bases and Extension Products (Organized Session)	Session 16 Leakage Effects from Climate Policy	Session 17 Trade and Asia	Session 18 Water	Session 19 Doha Round Negotiations	Session 20 Economic Analysis of Poverty and Trade in Africa	Session 21 Game Theoretic Approaches to Climate Policy

Featured Papers – The following papers have been designated as "Featured" for receiving the highest score possible during the peer review process.

Session 5 - Biofuels and Land Use

Ethanol Expansion and the Indirect Land Use Change in Brazil

by Ferreira-Filho, Joaquim Bento and Mark Horridge

 $\underline{\textbf{Assessing the EU biofuel land use change effects: estimates with the MIRAGE-}\\$

BioF model and sensitivity analysis

by Laborde, David and Hugo Valin

Session 11 - Trade and Africa

Services Liberalization in Preferential Trade Arrangements: The Case of Kenya

by Tarr, David and Edward J. Balistreri

Session 17 - Trade and Asia

The Changing Geography of World Trade: Projections to 2030

by Anderson, Kym and Anna Strutt

Session 19 - Doha Round Negotiations

The Political Costs of Policy Reform

by Jean, Sébastien, Will Martin and David Laborde

Session 20 - Economic Analysis of Poverty and Trade in Africa

Macroeconomic Policies and Poverty Impacts: Case Studies of Ethiopia and

Ghana

by Evans, H. David and Niyati Ghelani

Distinguished Plenary Session: "Market and Finance"

Thursday, June 16 - 09:00-10:30

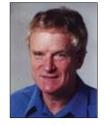


Thomas C. Heller, "What Works in Climate Change?"

An expert in law, economic development and the performance of legal institutions, Thomas C. Heller has focused his research on the rule of law, international climate control, global energy use, and the interaction of government and nongovernmental organizations in establishing legal structures in the developing world. Since 1979, Heller has been a professor at Stanford University, where he has served as the Shelton Professor of International Legal Studies, Senior Fellow at the Stanford Freeman Spogli Institute for International Studies and Senior Fellow at the Woods

Institute for the Environment. Since 1991, Heller has been increasingly engaged in research and applied policy studies in energy and climate, with a principal concern with developments in China, India, Mexico, Brazil and other leading emerging markets. He has been a contributing lead author for the IPCC on the Third and Fourth Assessment Reports, as well as a contributor to the Special Reports on Technology Transfer and Emissions Scenarios. Beginning in 2008, Heller has been a core team member directing Project Catalyst—an analysis based project in support of the Copenhagen Climate process.

From September 2009, he has served as Executive Director of a new non-governmental organization, the Climate Policy Initiative (CPI), based in San Francisco with offices in Europe, Asia and Latin America. CPI will assess, evaluate and advise governments and private firms on the implementation of national low carbon growth plans and measures, with particular attention to the fit between regulatory and public expenditure policies, infrastructure financing, and industrial organization in the key sectors relevant to energy, land use and climate change. Since March 2010, Professor Heller has also acted as the Vice-Chair of the Governing Board of the Global Green Growth Institute, with headquarters in Seoul, Korea.



Brian Wright, "The Economics of Grain Price Volatility"

Brian Wright's interests in economics uncertainty and innovation date from his early experiences on his family's sheep station in the Riverina district of New South Wales, Australia. He received a Bachelor of Agricultural Economics (First Class honors) from the University of New England, Armidale, and won one of two Frank Knox Fellowships given annually to Australian students by Harvard University, where he received an A.M. and Ph.D. in Economics. He then joined Yale University's Economics Department and is now Chair of the Department of Agricultural and

Resource Economics at the University of California, Berkeley.

His research interests include economics of markets for storable commodities, market stabilization, agricultural policy, industrial organization, public finance, invention incentives, intellectual property rights, the economics of research and development, and the economics of conservation and innovation of genetic resources. He co-authored or co-edited several books, including Storage and Commodity Markets; Reforming Agricultural Commodity Policy; Saving Seeds: The Economics of Conserving Genetic Resources at the CGIAR Centers, and Accessing Biodiversity and Sharing the Benefits: Lessons from Implementing the Convention on Biodiversity. He has published extensively in the leading journals in Economics and Agricultural Economics. In addition, he has co-authored articles in Nature Biotechnology, The Handbook of Plant Biotechnology, and Crop Science.

Wright is a Fellow of the American Agricultural Economics Association and has served as the economist member of the Subcommittee on Proprietary Science and Technology of the Consultative Group on International Agricultural Research. He served on the Committee on Intellectual Property in Genomic and Protein Research and Innovation of the National Academies' Board of Science, Technology and Economic Policy. He has recently collaborated with the Research Center for Property Exchange of Peking University. Last June, at the request of the World Bank, the United Nations Food and Agriculture Organization, and the European Bank for Reconstruction and Development, he gave a technical presentation at the World Grain Forum, Petersburg, Russia, on the use of international grain reserves for market stabilization. In October 2010, he presented an invited paper on agricultural innovation at the Washington, DC National Bureau of Economic Research meeting on Accelerating Innovation in Energy: Lessons from Other Sectors? He subsequently presented invited lectures on grain markets and their stabilization at the World Bank, the Milken Institute, and the Food and Agriculture Organization of the United Nations.

Daily Session Overview: Friday, June 17

Full session details for this day are listed on pages 23-34.

Time	Location						
	Aula Magna	8A	9A	9B	10A	10B	10C
09:00-10:30	Plenary Session Climate Change						
11:00-13:00	Session 22 Commodity Price Volatility (Organized Session)	Session 23 Biofuels Policy	Session 24 Investment and Knowledge Capital	Session 25 Economic Development Issues in South America	Session 26 Aid and Migration	Session 27 Labor Issues	Session 28 Data Bases and Issues
14:30-16:00	Session 29 Systematic Sensitivity Analysis in Computable General Equilibrium Models (Organized Session)	Session 30 Health and Alternative Approaches to Environmental Analysis	Session 31 Climate Impacts	Session 32 Climate Change Policy in the European Union	Session 33 Emissions Trading	Session 34 Labor and Trade Issues	Session 35 African Agricultural Policies and Economic Development
16:30-18:30	Session 36 Economic and Environmental Effectiveness of Border Tax Adjustments: Part 1 (Organized Session)	Session 37 REDD: Forestry and Climate Policy	Session 38 Climate, Technology and Standards	Session 39 Agricultural Policies and Food Security	Session 40 Agricultural Emissions and Climate Policy	Session 41 Calibration and Regional Data Bases	Session 42 Clean Energy

Featured Papers – The following papers have been designated as "Featured" for receiving the highest score possible during the peer review process.

Session 22 - Commodity Price Volatility

<u>Implications of Climate Volatility for Agricultural Commodity Markets in the Presence of Biofuel Mandates</u>

by Hertel, Thomas and Noah Diffenbaugh

Session 28 - Data Bases and Issues

An updated global baseline for the Dynamic GTAP model

by Chappuis, Thomas and Terrie Walmsley

Session 31 - Climate Impacts

FAO-MOSAICC: the FAO MOdelling System for Agricultural Impacts of Climate

Change to support decision-making in adaptation

by Kuik, Onno, Frederic Reynes, Francois Delobel and Michele Bernardi

Session 34 - Labor and Trade Issues

Sources of Growth and Change in the Vietnamese Labour Market

by Giesecke, James, Nhi Tran, Tony Meagher and Felicity Pang

Session 35 - African Agricultural Policies and Economic Development

Improving on Africas roads - Modeling infrastructure investment and its effect

on subsistence agriculture

by Schuerenberg-Frosch, Hannah

Session 39 - Agricultural Policies and Food Security

Estimating effects of price-distorting policies using alternative distortions

databases

by **Anderson**, **Kym**

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Distinguished Plenary Session: "Climate Change"

Friday, June 17 - 09:00-10:30



Henry D. Jacoby, "The Evolving Challenge of Climate Studies"

Henry D. Jacoby is Professor of Management in the M.I.T. Sloan School of Management and former Co-Director of the M.I.T. Joint Program on the Science and Policy of Global Change, which is a world leader in integration of the natural, and social sciences and policy analysis in application to the threat of global climate change. He oversees the design and application of the social science component of the Joint Program's Integrated Global System Model – a comprehensive research tool for analyzing potential anthropogenic climate change and its social and environmental consequences – and he is a

leader of M.I.T. research and analysis of national climate policies and the structure of the international climate regime.

An undergraduate mechanical engineer at the University of Texas at Austin, Professor Jacoby holds a Ph.D. in Economics from Harvard University where he also served on the faculties of the Department of Economics and the Kennedy School of Government. He has been Director of the Harvard Environmental Systems Program, Director of the MIT Center for Energy and Environmental Policy Research, Associate Director of the MIT Energy Laboratory, and Chair of the MIT Faculty. He has made extensive contributions to the study of economics, policy and management in the areas of energy, natural resources and environment, writing widely on these topics including seven books. He currently serves on the Scientific Committee of the International Geosphere-Biosphere Program.



Christoph Böhringer, "EU Climate Policy: (Some) Issues At Stake"

Christoph Böhringer is full professor at the University of Oldenburg since 2007. Between 1999-2007 he was head of the research department "Environmental and Resource Economics, Environmental Management" at the Centre for European Economic Research (ZEW) in Mannheim. He studied engineering at the University of Karlsruhe and received his PhD in economics from the University of Stuttgart in 1995. Between 1995-1998 he supervised the research group "Energy Economics" at IER (Institute of Energy Economics), University of Stuttgart. In 2002, he received his habilitation and venia

legendi in economics from the University of Regensburg. In 2004, he has been appointed as a full professor at the University of Heidelberg. His research focuses on the impact analysis of environmental, energy and trade policies. He has widely published in peer-reviewed international journals on these topics.

Daily Session Overview: Saturday, June 18

Full session details for this day are listed on pages 35-37.

Time	Location				
	Aula Magna	8A	9A	9B	10A
09:00-11:00	Session 43 Economic and Environmental Effectiveness of Border Tax Adjustments: Part 2 (Organized Session)	Session 44 Distributional Impacts of Climate Policy	Session 45 Economic Trade and Growth in Europe	Session 46 Climate Change, Trade and Trade Policy	Session 47 Climate Policy
11:30-13:00	Plenary Session Growth, Development and Poverty				
13:00-13:15	2012 Conference Preview				
13:15-13:30	Closing Remarks				

Distinguished Plenary Session: "Growth, Development and Poverty"

Saturday, June 18 - 11:30-13:00



Shanta Devarajan, "Can CGE Models End Poverty?"

Shantayanan (Shanta) Devarajan, who was born in Sri Lanka, joined the World Bank in 1991. He assumed his current position as Chief Economist of the World Bank's Africa Region in 2008. The office of the Chief Economist seeks to bring the best knowledge to bear on the development problems of Africa, while providing guidance to Bank staff and management on strategy and the quality of economic analysis.

Prior to this assignment, from 2004 onwards, Shanta was Chief Economist for the South Asia Region position, following three years as Chief Economist for the Human Development Network, which covers areas such as health, education, nutrition and population. Earlier positions include Principal Economist and Research Manager for Public Economics in the Development Research Group. He was the Director of the World Development Report 2004: *Making Services Work for Poor People*.

Before joining the Bank, Shanta was on the faculty at Harvard University's John F. Kennedy School of Government. The author and co-author of over 100 publications, Mr. Devarajan's research covers public economics, trade policy, natural resources, and the environment, and general equilibrium modeling of developing countries. He currently disseminates his and other people's ideas on his blog, http://africacan.worldbank.org.

Mr. Devarajan received his B.A. in mathematics from Princeton University and his Ph.D. in economics from the University of California, Berkeley. He speaks French fluently.



Thomas Sterner, "Green Growth - Post-Copenhagen"

Thomas Sterner is a professor of environmental economics in Gothenburg and a university fellow at RFF. He has initiated the unit for environmental economics in Gothenburg and participated in its build-up since 1990. He is past President of the European Association of Environmental and Resource Economists. Thomas Sterner's main research interests lie in the design of policy instruments. He has written a large number of books and articles on different applications ranging from energy and climate, through natural resource management such as fisheries to issues relating to industrial and

transport pollution. His work covers institutions in different kinds of economies, market, planned and developing. Thomas Sterner teaches PhD and undergraduate courses in environmental and resource economics and is also active in a number of boards and networks such as CEEPA, LACEEP, SANDEE, and AERC.

Conference Schedule: Wednesday, June 15

Time	Event	Location
17:30-19:30	Early Conference Registration	Registration Desk
	We encourage participants who will be in Venice on Wednesday evening to come to	
	the conference venue, Ca' Foscari University of Venice, San Giobbe Campus, for an	
	early registration to receive the conference materials and avoid the crowds on	
	Thursday morning. See page 4 for the location of the registration desk inside the	
	conference venue.	

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Time	Event	Location
08:00-18:30	Conference Registration	Registration Desk
08:45-09:00	 Welcome Address Thomas Hertel, Distinguished Professor and Executive Director, Center for Global Trade Analysis, Purdue University, USA 	Aula Magna
	 Carlo Carraro, President, Ca' Foscari University of Venice; Chairman of the Scientific Advisory Board, Fondazione Eni Enrico Mattei, Italy 	
09:00-10:30	Plenary Session "Market and Finance" Chair: Carlo Carraro	Aula Magna
	 What Works in Climate Change? by Heller, Thomas C. 	
	 The Economics of Grain Price Volatility by Wright, Brian 	
10:30-11:00	Coffee Break	Concourse
11:00-13:00	Session 1 – Organized Session "An Ecosystem of Software Tools and Customized Value Added Data Products Using GTAP" Organizer/Chair: Joshua Elliott	Aula Magna
	 Panel Discussion on the Needs of the GTAP Development Community Panelists: Hertel, Thomas, Mark Horridge and Thomas Rutherford 	
	 Building a Custom Initialization Data Product for a Life-cycle OLG Model by Elliott, Joshua, Margaret Loudermilk, Nirupama Rao, Ian Foster, Don Fullerton and Todd Munson 	
	 An improved version of FlexAgg by Villoria, Nelson and Robert McDougall 	
	 Fit2GTAP: Replacing country data in the GTAP data base by van Nieuwkoop, Renger 	

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

 Time
 Event
 Location

 11:00-13:00
 Session 2
 8A

"Preferential Arrangements in the European Union"

Chair: Antoine Bouët

- Trade Reforms in a World of Prevailing Distortions: The EU-SADC
 Preferential Trade Arrangements
 by Osman, Rehab
- Is MERCOSUR external agenda pro-poor? An assessment of the EU-MERCOSUR free trade agreement on Uruguayan poverty applying MIRAGE

by Bouët, Antoine, Carmen Estrades and David Laborde

- Impact of a Free Trade Agreement between Ukraine and the European Union on Ukraines Agricultural Sector

by Chauffour Lean Diorro Marce Lyanic David Labordo Maryla

by Chauffour, Jean-Pierre, **Maros Ivanic**, David Laborde, Maryla Maliszewska and Will Martin

 The Proposed EU-India FTA: Implications for Textiles, Wearing Apparel and Leather Products

by Khorana, Sangeeta and Badri Narayanan

11:00-13:00 Session 3

"Energy Policy"

Chair: Scott McDonald

 Poverty and Growth Impacts of High Oil Prices: Evidence from Sri Lanka 9A

by Naranpanawa, Athula and Jayathileka Bandara

 Energy Policy and Carbon Emission in Russia: A Short Run CGE Analysis

by Orlov, Anton, Harald Grethe and Scott McDonald

- Russia's Natural Gas Export Potential up to 2050
 by Paltsev, Sergey
- Estimating Economy-Environment Linkages and the Cobenefits of PM10 Mitigation within an Economy-wide Model for India
 by Markandya, Anil, Sebnem Sahin, Aarsi Sagar and Muthukumar Mani

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

 Time
 Event
 Location

 11:00-13:00
 Session 4
 9B

"Agricultural Policy Analysis"

Chair: Martina Brockmeier

- <u>EU Single Farm Payment in the GTAP Data Base: Coupled, Decoupled or only Somewhat Decoupled and How to Get the Decoupling Right?</u>
 by Urban, Kirsten, Hans Grinsted Jensen and Martina Brockmeier
- On the Economics of the Proposed Special Safeguard Mechanism in the WTO for Imports of Agricultural Products
 by MacLaren, Donald
- Trade policy responses to food price rises and implications for existing domestic support measures: the case of China in 2008 by Yu, Wusheng and Hans Grinsted Jensen
- Macroeconomic impacts of reducing nutrition-related chronic disease by adopting a "healthier diet."
 by Thomassin, Paul and Kakali Mukhopadhyay

10A

11:00-13:00 Session 5

"Biofuels and Land Use"

Chair: Wally Tyner

- Food, Fuel, Forests and the Pricing of Ecosystem Services
 by Reilly, John, Angelo Gurgel, Tim Cronin, Sergey Paltsev, David
 Kicklighter and Jerry Melillo
- Global impact of multinational biofuel mandates on land use,
 feedstock prices, international trade and green gasses emissions
 by Banse, Martin, Andrzej Tabeau, Hans van Meijl, Geert Woltjer and
 Anne Gerdien Prins

Featured Paper

Ethanol Expansion and the Indirect Land Use Change in Brazil
 by Ferreira-Filho, Joaquim Bento and Mark Horridge

Featured Paper

 Assessing the EU biofuel land use change effects: estimates with the MIRAGE-BioF model and sensitivity analysis by Laborde, David and Hugo Valin

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Time	Event	Location
11:00-13:00	Session 6 - Organized Session	10B
	"FDI and Multinationals in Applied General Equilibrium Modeling"	
	Organizer/Chair: David Tarr	
	 Deep Trade Policy Options for Armenia: The Importance of Services, Trade Facilitation and Standards Liberalization by Jensen, Jesper and David Tarr 	
	 A world CGE model with multinational firms: MIRAGE MNF version 	
	by Chappuis, Thomas and Yvan Decreux	
	 On the differential behaviour of national and multinational firms: A within and across sectors approach by Latorre, María C. and Antonio Gomez Gomez-Plana Assessing the Cost of Post-9/11 Security Measures and the Impact of a North American Security Perimeter - A Computable General Equilibrium Analysis by Georges, Patrick, Marcel Mérette and Qi Zhang 	
44.00.40.00		100
11:00-13:00	Session 7 "Domestic Policy Analysis in Africa"	10C
	Chair: Kym Anderson	
	Ghair. Ny in 7 mae 130 ii	
	- Impact of Trade Facilitation Mechanisms on Export Competitiveness	
	<u>in Africa</u>	
	by Karingi, Stephen	
	 Sit down at the ballgame: How trade barriers have made the world less food secure by Rutten, Martine, Lindsay Chant and Gerdien Meijerink 	
	 Fiscal Imbalances in South Africa: An Intertemporal Analysis by Chitiga, Margaret, Ramos Mabugu, Helene Maisonnave and Veronique Robichaud 	
	 Should Countries Worry About Immiserizing Growth? 	
	by Tokarick, Stephen	
	* *	
13:00-14:30	Lunch	Concourse

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Time Event Location 14:30-16:00 Aula Magna Session 8 - Organized Session "Multilateral, Regional and Unilateral Trade Policies" Organizer/Chair: Lucian Cernat **Economic Impact of Potential Outcome of the DDA** by Decreux, Yvan and Lionel Fontagné **Economic Integration in South East Asia and the Impact on the EU** by Paczynski, Wojciech, Michael Gasiorek, Minako Morita Jaeger, Kamala Dawar, Javier Lopez Gonzalez, Maximiliano Méndez Parra and Dirk Willenbockel The European Commission's proposal for the next EU Generalised **System of Preferences**

8A

14:30-16:00 Session 9

"Biofuels, Land Use and Food Security"

by Nilsson, Lars

Chair: Joaquim Bento Ferreira-Filho

 The Impact of Biofuels Policy on Trade and Food Security in Developing Countries

by Havrland, Bohumil and Yayan Satyakti

- A Preliminary Assessment of Global Land Use Change under Alternative Carbon Price Scenarios
 by Pant, Hom
- Land transformation analysis and application
 by Palatnik, Ruslana Rachel, Iddo Kan, Mickey Rapaport-Rom, Andrea Ghermandi, Fabio Eboli and Mordechai Shechter

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Time	Event	Location
14:30-16:00	Session 10	9A
	"Climate Impacts"	
	Chair: Karen Thierfelder	
	 Extreme weather events in Finland – a dynamic CGE-analysis of economic effects by Simola, Antti, Adriaan Perrels and Juha Honkatukia Modelling Climate Change Impacts and Agriculture 	
	by Wiskich, Tony , Brian Fisher, Anna Matysek and Paul Newton	
	 Climate change impacts in the Mediterranean: a CGE analysis by Eboli, Fabio, Francesco Bosello and Ramiro Parrado 	

14:30-16:00 Session 11

9B

"Trade and Africa"

Chair: Stephen Karingi

Featured Paper

 Services Liberalization in Preferential Trade Arrangements: The Case of Kenya

by **Tarr, David** and Edward J. Balistreri

- What are the agricultural exports growth perspectives offered to sub-Saharan countries by current trade negotiations?
 by Douillet, Mathilde
- A Contribution to the Analyses of the Effects of Foreign Agricultural Investment on the Food Sector and Trade in Sub-Saharan Africa
 by Rakotoarisoa, Manitra

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Time	Event	Location
14:30-16:00	Session 12 "Labor Issues"	10A
	Chair: Stephen Tokarick	
	 Trade and Gender in a Global CGE Model by Dimaranan, Betina 	
	 Modelling the effects of capital outflows on employment, poverty and inequality for Argentina by Debowicz, Dario 	
	 Darwinian pools? The evolution of factor market modelling in global CGE models. by Chant, Lindsay and Martin Banse 	
14:30-16:00	Session 13 "Preferential Arrangements in Asia" Chair: Mary Burfisher	10B
	 Potential Economic impact of India-Sri Lanka bilateral trade liberalization by Sikdar, Chandrima 	
	 A Comparison of the Impacts of Vietnam's Free Trade Agreements by Vanzetti, David and Huong Thi Lan Pham 	
	 India-ASEAN FTA: Implication of Phased Liberalisation by Nag, Biswajit and Chandrima Sikdar 	
14:30-16:00	Session 14 – Organized Session "Practical Implications of Intermediate Trade and Offshoring" Organizer/Chair: Susan Stone	10C
	 Does services offshoring contribute to labour market polarization? by Nordas, Hildegunn 	
	 What does the Measurement of Factor Content Mean for the Policy Analysis of Trade? by Stone, Susan 	
16:00-16:30	Coffee Break	Concourse

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Location **Time Event** 16:30-18:30 Aula Magna Session 15 - Organized Session "New GTAP Data Bases and Extension Products" Organizers/Chairs: Badri Narayanan and Joshua Elliott What's New: Overview of GTAP 7.1 and 8 Data Bases by Narayanan, Badri **GTAPinGAMS:** A New Release by Rutherford, Thomas Software tool for GTAP sub-region expansion with the specific example of the EU NUTS regions by Horridge, Mark **Augmenting the GTAP Database with Satellite Account Data** by McDonald, Scott

16:30-18:30 Session 16

8A

"Leakage Effects from Climate Policy"

Chair: Niven Winchester

 Trade Effects and Emissions Leakage Associated with Carbon Pricing Policies

by Adkins, Liwayway, **Richard Garbaccio**, Mun Ho, Eric Moore and Richard Morgenstern

 Effects of different EU climate policy scenarios on Austria's trade and carbon balances

by Bednar-Friedl, Birgit, Veronika Kulmer and Thomas Schinko

- Analysis of Climate Policies with GDyn-E
 by Golub, Alla, Thomas Hertel, Bryan Mignone and Kemal Sarica
- Subglobal Climate Agreements and Energy-Intensive Activities: Is there a Carbon Haven for Copper?

by Lanz, Bruno, Thomas Rutherford and John Tilton

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Time Event Location

16:30-18:30 Session 17 9A

"Trade and Asia"

Chair: Ken Kawasaki

 Evaluating the Effects of Free Trade Agreements in the Asia-Pacific Region under Alternative Sequencings

by Itakura, Ken and Hiro Lee

Featured Paper

- The Changing Geography of World Trade: Projections to 2030
 by Anderson, Kym and Anna Strutt
- Sources of Economic Fluctuations in East Asia from 1980 to 2006-Analysis basing on panel VAR
 by Wang, Qian
- Import preference change and its impacts on the effects of trade liberalization policy

by Su, Han-Pang, Tzu-Han Yang and Chun-Chiang Feng

16:30-18:30 Session 18 "Water"

9B

Chair: Farzad Taheripour

 The impact of trade on local green and blue water scarcity - using the global landuse model MAgPIE

by Biewald, Anne, Susanne Rolinski, Holger Hoff, **Hermann Lotze-Campen** and Christoph Schmitz

- Water buybacks and drought in the Murray-Darling Basin of Australia: confusing policy and catastrophe
 by Wittwer, Glyn
- The Future of California's Sacramento-San Joaquin Delta: Water
 Policy Alternatives and Probabilistic Political Feasibility
 by Goodhue, Rachael, Susan Sayre and Leo Simon
- A general equilibrium approach to model water scarcity in Israel
 by Luckmann, Jonas, Khalid Siddig, Dorothee Flaig and Harald Grethe

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TimeEventLocation16:30-18:30Session 1910A

"Doha Round Negotiations"

Chair: David Vanzetti

- International Inequality Impacts of Multilateral Liberalization
 by Keeney, Roman and Amanda M. Leister
- Households heterogeneity in a global CGE model: an illustration with the MIRAGE poverty module

by Bouët, Antoine, Carmen Estrades and David Laborde

Featured Paper

- The Political Costs of Policy Reform
 by Jean, Sébastien, Will Martin and David Laborde
- Trade Diversification Away from the U.S. or North American Customs
 Union? A Review of Canada's Trade Policy Options
 by Georges, Patrick and Marcel Mérette

16:30-18:30 Session 20 10B

"Economic Analysis of Poverty and Trade in Africa"

Chair: Donald MacLaren

Anatomy of nonoil export growth in the Middle East and North Africa region

by Ianchovichina, Elena, Julien Gourdon and Hiau Looi Kee

Explaining Poverty Evolution: The Case of Mozambique
 by Arndt, Channing, Mazhar Hussain, Virgulino Nhate, E. Samuel Jones,
 Finn Tarp and James Thurlow

Featured Paper

 Macroeconomic Policies and Poverty Impacts: Case Studies of Ethiopia and Ghana

by Evans, H. David and Niyati Ghelani

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Time	Event	Location
16:30-18:30	Session 21	10C
	"Game Theoretic Approaches to Climate Policy"	
	Chair: Jesper Jensen	

- Cooperative and non-cooperative solutions to carbon leakage
 by Antimiani, Alessandro, Valeria Costantini, Chiara Martini, Luca
 Salvatici and Maria Cristina Tommasino
- Credibility of trade sanctions in greenhouse gas mitigation agreements in agriculture and forestry by Irfanoglu, Zeynep Burcu
- A good opening: the key to make the most of unilateral action by **De Cian, Enrica** and Valentina Bosetti

18:30-20:00 Conference Reception

Concourse

A reception will welcome participants in the San Giobbe campus, the premises of the School of Economics and Business of the Ca' Foscari University of Venice. In this occasion, participants will meet and enjoy a wine tasting offered by Bisol, the producer of the finest Prosecco wine, the iconic Italian sparkling wine, of the hillsides of the Veneto region.

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Time	Event	Location
08:00-18:30	Conference Registration	Registration Desk
09:00-10:30	Plenary Session	Aula Magna
	"Climate Change"	
	Chair: Francesco Bosello	
	 The Evolving Challenge of Climate Studies by Jacoby, Henry D. EU Climate Policy: (Some) Issues At Stake by Böhringer, Christoph 	
10:30-11:00	Coffee Break	Concourse
11:00-13:00	Session 22 – Organized Session "Commodity Price Volatility"	Aula Magna

Organizer/Chair: Sébastien Jean

<u>Can Storage Arbitrage Explain Commodity Price Dynamics?</u>
 by Cafiero, Carlo, Eugenio S. A. Bobenrieth H., Juan R. A. Bobenrieth H and Brian Wright

Featured Paper

- Implications of Climate Volatility for Agricultural Commodity

 Markets in the Presence of Biofuel Mandates

 by Hartel Thomas and Neels Diffusionship
 - by Hertel, Thomas and Noah Diffenbaugh
- Optimal food price stabilisation in a small open developing country
 by Gouel, Christophe and Sébastien Jean
- Welfare and Price Impacts of Price-Insulating Policies
 by Ivanic, Maros, Will Martin and Aaditya Mattoo

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Time	Event	Location
11:00-13:00	Session 23	8A
	"Biofuels Policy"	
	Chair: Martin Banse	
	 Analysis of the Impacts of EU Biofuels Programs using a GTAP model by Padella, Monica, Adele Finco and Wally Tyner 	
	 Global Land Use Changes and Consequent CO2 Emissions due to US Cellulosic Biofuel Program: A Preliminary Analysis by Taheripour, Farzad and Wally Tyner 	
	 A Dynamic General Equilibrium Analysis of U.S. Biofuels Production by Beach, Robert, Dileep Birur, Lauren Davis and Martin Ross 	
	 The Role of Irrigation in Determining the Global Land Use Impacts of Biofuels by Taheripour, Farzad, Thomas Hertel and Jing Liu 	

11:00-13:00 Session 24

9A

"Investment and Knowledge Capital"

Chair: Ken Itakura

- Portfolio Elasticities and the Evolution of Endogenous Current
 Account Balances in a CGE Model with International Financial Assets
 by Lemelin, André, Veronique Robichaud and Bernard Decaluwe
- How can be FDI attracted in a framework of two intermediates
 by Uchida, Yoko and Kazuhiko Oyamada
- The economic costs of investment inefficiencies associated with corruption in Vietnam

by Tran, Nhi, James Giesecke and **Huong Thi Lan Pham**

Introducing endogenous technical change, Research and
 Development and a stock of knowledge in a CGE model and the GTAP database

by Parrado, Ramiro, Andreas Löschel and Sebastian Voigt

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Location **Time Event** 11:00-13:00 9B Session 25 "Economic Development Issues in South America" Chair: Angelo Gurgel **Evaluating the Economic Impacts of Transport Costs in Latin America** by Giordano, Paolo, Julio Guzman and Masakazu Watanuki **Effects of the Rural Credit Interest Rate Equalization Policy on Brazilian Regions Economic Growth** by Cardoso, Débora, Erly Teixeira, Angelo Gurgel and Eduardo Castro **Ex-post Poverty Assessment of Trade policy in developing countries:** The Chilean case in 1990s and 2000s by Durán Lima, José Elías, Alfonso Finot and Marcelo LaFleur

11:00-13:00 Session 26

10A

"Aid and Migration"

Chair: Peter Minor

- Aid, Growth, and Real Exchange Rate Dynamics

by Devarajan, Shantayanan, Delfin S. Go, Sherman Robinson and ${\bf Karen\ Thierfelder}$

Aid for Trade Policy in Developing and Least Developed Countries: A
 GTAP Simulation Analysis

by Berrittella, Maria and Jian Zhang

Migration and Growth in East and South-East Asia

by Walmsley, Terrie, Angel Aguiar and Syud Amer Ahmed

Economic Implications of Labour Migration and Remittances: The case of Cyprus

by McDonald, Scott and Yontem Sonmez

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Time	Event	Location
11:00-13:00	Session 27	10B
	"Labor Issues"	
	Chair: Channing Arndt	
	 The Role of Labor Standards in International Trade: A CGE Approach by Narayanan, Badri and Terrie Walmsley Turkey's Shifting Axis to the East: Implications of Regional Integration with the Neighborhood by Acar, Mustafa and Levent Aydin 	
	 Enforcing Israeli Labour Market Laws Against Non-Israelis: Who Pays the Price? by Flaig, Dorothee, Khalid Siddig, Harald Grethe, Jonas Luckmann and Scott McDonald 	
	 Wage inequality in trade-in-tasks models by Rojas-Romagosa, Hugo 	

11:00-13:00 Session 28

10C

"Data Bases and Issues"

Chair: Elena Ianchovichina

- A Sensitivity Analysis to get Insights into Aggregation Problems within Model Linkages
 - by **Bektasoglu, Beyhan**, Kirsten Urban and Martina Brockmeier
- Addressing a 'self-trade' issue in GTAPAgg
 by Hamdi-Cherif, Meriem

Featured Paper

- An updated global baseline for the Dynamic GTAP model by Chappuis, Thomas and Terrie Walmsley
- Augmenting GTAP Database: Are the data on intra institutional transactions important?

by Sonmez, Yontem, Scott McDonald and Terrie Walmsley

13:00-14:30 Lunch Concourse

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Time	Event	Location
14:30-16:00	Session 29 - Organized Session	Aula Magna
	"Systematic Sensitivity Analysis in Computable General Equilibrium Models"	
	Organizer/Chair: Thomas Hertel	
	 Systematic Sensitivity Analysis for GTAP - Where We've Been and Where We're Going by Preckel, Paul, Monika Verma, Thomas Hertel and Will Martin 	
	 Systematic Sensitivity Analysis (SSA) with Respect to Correlated Variations in Parameters and Shocks by Horridge, Mark and Ken Pearson 	
	 Implications of Broader Sampling Strategy in the Contest of the Special Safeguard Mechanism by Verma, Monika, Paul Preckel, Thomas Hertel and Will Martin 	
14:30-16:00	Session 30	RΔ

14:30-16:00 Session 30
"Health and Alternative Approaches to Environmenta

8A

"Health and Alternative Approaches to Environmental Analysis"

Chair: Angel Aguiar

- Analyzing environmental impacts in GTAP studies according to the life cycle assessment methodology
 - by **Dandres, Thomas**, Caroline Gaudreault, Pablo Tirado Seco and Réjean Samson
- A human well-being approach for assessing the value of ecosystem services

by Kopmann, Angela and Katrin Rehdanz

- The Global Economic Effects of Pandemic Influenza

by **Verikios, George**, Maura Sullivan, Pane Stojanovski, James Giesecke and Gordon Woo

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Time Event Location

14:30-16:00 Session 31 9A

"Climate Impacts"

Chair: Maros Ivanic

Potential effects of variation in agriculture sector response to climate change: an integrated assessment
 by Gunasekera, Don

Featured Paper

- FAO-MOSAICC: the FAO Modelling System for Agricultural Impacts of Climate Change to support decision-making in adaptation
 by Kuik, Onno, Frederic Reynes, Francois Delobel and Michele Bernardi
- Simulating the Impact of Climate Change and Adaptation Strategies on Farm Productivity and Income: A Bio-economic Modeling Analysis by Fofana, Ismael

14:30-16:00 Session 32 9B

"Climate Change Policy in the European Union"

Chair: Lionel Fontagné

- Macro-economic Impacts of Air Pollution Policies in the EU
 by Brink, Corjan, Johannes Bollen and Paul J. J. Veenendaal
- Economic impacts of agricultural policy responses to climate change in Europe

by Quiroga, Sonia, Ana Iglesias, Jeremy Schlickenrieder and Luis Garrote

 An Emissions Trading Scheme with Auction by Haita, Corina

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Time	Event	Location
14:30-16:00	Session 33	10A
	"Emissions Trading"	
	Chair: Hugo Rojas-Romagosa	
	 Impact of China's Domestic Carbon Emission Trading Scheme by Li, Shantong and Jianwu He 	
	 Modelling international carbon markets using a CGE model 	
	by Cao, Liangyue and Meghan Quinn	
	 Europe's Twenties - A Study using the WIATEC Model by Truong, Truong, Hans Kremers and Claudia Kemfert 	

14:30-16:00 Session 34

10B

"Labor and Trade Issues"

Chair: Mustafa Acar

Featured Paper

Sources of Growth and Change in the Vietnamese Labour Market: A
 decomposition of forecast trends in economic development and
 income distribution under alternative education and training
 policies over 2010-2020.

by Giesecke, James, Nhi Tran, Tony Meagher and Felicity Pang

Dispute Settlement at the WTO: Impacts of a No Deal in the US-Brazil
 Cotton Dispute

by Lakatos, Csilla and Terrie Walmsley

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Time	Event	Location
14:30-16:00	Session 35 "African Agricultural Policies and Economic Development" Chair: James Thurlow	10 C
	Featured Paper - Improving on Africa's roads - Modeling infrastructure investment and its effect on subsistence agriculture by Schuerenberg-Frosch, Hannah	
	 Gender Implications of Biofuels Expansion in Africa: The Case of Mozambique by Arndt, Channing, Rui Benfica and James Thurlow 	
	 A CGE model analysis of reducing obstacles to trade in Kenya: a focus on the agro-food sector. by Gonzalez-Mellado, Aida and Emanuele Ferrari 	
16:00-16:30	Coffee Break	Concourse
16:30-18:30	Session 36 – Organized Session "Economic and Environmental Effectiveness of Border Tax Adjustments: Part 1" Organizers/Chairs: Thomas Rutherford and Christoph Böhringer	Aula Magna
	 <u>Do border measures affect carbon leakage?</u> by Veenendaal, Paul J. J., Johannes Bollen and Paul Koutstaal 	
	 The carbon content of trade: Under border tariff adjustments and a global carbon regime by Weitzel, Matthias and Sonja Peterson 	
	 Unilateral climate policy and competitiveness: Differential emission pricing from a sectoral, regional and global perspective by Böhringer, Christoph and Victoria Alexeeva-Talebi 	

<u>Using Embodied Carbon To Control Carbon Leakage</u>

by Rutherford, Thomas, Jared Carbone and Christoph Böhringer

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Time Event Location

16:30-18:30 Session 37 8A

"REDD: Forestry and Climate Policy"

Chair: Nelson Villoria

- Agricultural impacts of reduced tropical deforestation
 by Rose, Steven, Alla Golub, Brent Sohngen and Thomas Hertel
- Afforestation and Timber Management Compliance Strategies in Climate Policy. A Computable General Equilibrium Analysis by Michetti, Melania and Renato Rosa
- Extending the GTAP Family of Models: A Partial Equilibrium
 Approach to Measuring the Costs of Carbon Sequestration and Avoided Deforestation.

by Ohrel, Sara, Sukwon Choi and Brent Sohngen

The role of REDD in a Copenhagen Carbon Market by Bosello, Francesco, Ramiro Parrado and Renato Rosa

16:30-18:30 Session 38 9A

"Climate, Technology and Standards"

Chair: Sergey Paltsev

- Climate policies as a hedge against the uncertainty on future oil supply

by **Rozenberg, Julie**, Stephane Hallegatte, Adrien Vogt-Schilb, Olivier Sassi, Celine Guivarch, Henri Waisman and Jean-Charles Hourcade

- Diffusion of Climate Technologies in Presence of an Emissions Cap by FæHn, Taran, Karl Jacobsen and Brita Bye
- Should a vehicle fuel economy standard be combined with an economy-wide greenhouse gas emissions constraint? Implications for energy and climate policy in the United States
 by Karplus, Valerie, Sergey Paltsev, Mustafa Babiker and John Reilly

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Time Event Location
16:30-18:30 Session 39 9B

"Agricultural Policies and Food Security"

Chair: Erly Teixeira

Projecting agricultural distortions for a 2030 GTAP database
 by Nelgen, Signe and Kym Anderson

Featured Paper

- Estimating effects of price-distorting policies using alternative distortions databases
 by Anderson, Kym
- Food Security Global Trends and Region Perspective with Reference to East Asia

by Chang, Ching-Cheng and Shih-Hsun Hsu

The Impact of domestic remittances on Households' Income
 Distribution in a context of Global Food Crisis
 by Elisa Dienesch, Laetitia Leroy and Cheickh Sadibou Fall

16:30-18:30 Session 40 10A

"Agricultural Emissions and Climate Policy"

Chair: Hom Pant

- Increased Agricultural Trade and its Impacts on Food System, Landuse and Greenhouse Gas Emissions
by Schmitz, Christoph, Appa Riewald, Hormann Lotze, Campon and

by **Schmitz, Christoph**, Anne Biewald, Hermann Lotze-Campen and Alexander Popp

- Taking into account the emissions from production and use of mineral fertilizers by imposing a 'carbon tax' by Sturm, Viktoriya
- The impact of biodiversity loss reducing strategies on land use and world food markets

by Tabeau, Andrzej, Hans van Meijl and Elke Stehfest

Livestock GHG Mitigation: Policy effectiveness and Food Security by Golub, Alla, **Ben Henderson** and Thomas Hertel

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Time Event Location

16:30-18:30 Session 41 10B

"Calibration and Regional Data Bases"

Chair: Monika Verma

- An Inventory of Datasets for the Compilation of Regional Social Accounting Matrices for the EU

by Mueller, Marc and Emanuele Ferrari

- A Bayesian method to reconcile conflicting input-output data by Rodrigues, Joao
- Bayesian validation of GTAP parameters on a large scale dynamic dataset

by Lugovoy, Oleg

<u>Calibrating the Modified An Implicitly Directly Additive Demand</u>
 <u>System (MAIDADS) for Applied Economic Modeling</u>
 by Itakura, Ken and Dominique van der Mensbrugghe

16:30-18:30 Session 42

10C

"Clean Energy"

Chair: Amanda Leister

- Modelling Energy Futures: A CGE framework for investigating investment in renewable energy applied to the EU electricity sector by Pycroft, Ion and Helene Maisonnave
- Extending energy portfolio with clean technologies in the ICES model.

by **Campagnolo, Lorenza**, Elisa Portale, Francesco Bosello, Ramiro Parrado and Fabio Eboli

 New generation electricity networks and climate change: the economic potential of national and trans-national Super-Grids powered by Concentrated Solar Power.

by Ricci, Elena Claire and Emanuele Massetti

Analysis of US Renewable Fuels Policies Using a Modified MARKAL
 Model

by Sarica, Kemal and Wally Tyner

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Time Event Location

19:00-23:00 Conference Dinner Venissa Estate

Roots will pick participants up in front of the San Giobbe campus. After a short trip in Island of Mazzorbo

Boats will pick participants up in front of the San Giobbe campus. After a short trip in the Venetian Lagoon, participants will arrive at Mazzorbo, an island situated at the heart of the Northern Lagoon Park with only a small number of inhabitants. The dinner will take place in the Venissa Estate which plays testimony to the cultural history of the lagoon farmer as linked to the production of wines and vegetables. It has been preserved over the centuries firstly as a convent vegetable garden, then as a domestic vineyard and today it offers guests the chance to visit a protected area of incredible merit from the point of view of landscape, agriculture, human endeavor and equipment. Dinner at Venissa is the equivalent of immersing yourself in an atmosphere loaded with charm and expectation. The restaurant becomes the focal point of the estate to which the vegetable garden and vineyard form the back drop.

Award Ceremony

2011 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

2011-2014 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

Conference Schedule: Saturday, June 18

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Location **Time Event** 09:00-11:00 Aula Magna Session 43 - Organized Session "Economic and Environmental Effectiveness of Border Tax Adjustments: Part 2" Organizers/Chairs: Thomas Rutherford and Christoph Böhringer The Impact of Border Carbon Adjustments on Energy-Intensive **Industries - Does Sectoral Aggregation Matter?** by Caron, Justin The impact of BCAs under alternative producer responses by Winchester, Niven Can Carbon Based Tariffs Effectively Reduce Emissions? A Numerical **Analysis with Focus on China** by Hübler, Michael On the Scope for Output-Based Rebating in Climate Policy by Fischer, Carolyn and Alan Fox

09:00-11:00 Session 44

8A

"Distributional Impacts of Climate Policy"

Chair: Renger van Nieuwkoop

- Carbon Taxes and Inequality
 - by Dissou, Yazid and Muhammad Shahid Siddiqui
- Distributional Impacts of Carbon Pricing: A General Equilibrium
 Approach with Micro-Data for Households
 - by Rausch, Sebastian, Gilbert E. Metcalf and John Reilly
- Distributional Implications of Climate Change in India by Skoufias, Emmanuel
- Low Carbon Development and Carbon Taxes in South Africa by Arndt, Channing, Rob Davies, Konstantin Makrelov and James Thurlow

Conference Schedule: Saturday, June 18

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

 Time
 Event
 Location

 09:00-11:00
 Session 45
 9A

"Economic Trade and Growth in Europe"

Chair: Lars Nilsson

- Reaping What Others Have Sown: Measuring the Impact of the Global Financial Crisis on Spanish Agriculture

by Bourne, Michael, Jack Childs and George Philippidis

Promoting innovation and imitation in a small open economy: The role of human capital, R&D and trade

by Bye, Brita and Taran FæHn

Austrian Linkages to the European Economy and the Transmission
 Mechanisms of the Global Economic Crisis

by $\bf Pindyuk, Olga$ and Joseph Francois

 The marginal costs of funds in the VATTAGE model of Finland: a back of the envelope justification of the welfare effects of additional government revenue

by Honkatukia, Juha, Peter Dixon and Maureen Rimmer

09:00-11:00 Session 46 9B

"Climate Change, Trade and Trade Policy"

Chair: Yvan Decreux

- Mitigation potential and Trade Effects of removing fossil fuel subsidies: a general equilibrium assessment
 by Chateau, Jean and Jean-Marc Burniaux
- Which design of a border adjustment for the EU ETS? A quantitative assessment

by Monjon, Stéphanie and Philippe Quirion

 The welfare effects of Reversed Border Tax Adjustments as a remedy under unilateral environmental taxation: A South African case study by Seymore, Reyno, Margaret Mabugu and Jan Van Heerden

Conference Schedule: Saturday, June 18

Presenters should arrive 10 minutes early to their session room with their presentation on a USB drive. Please also have a PDF of your presentation on hand to help ensure compatibility. Presenters are denoted in bold.

Time	Event	Location
09:00-11:00	Session 47	10A
	"Climate Policy"	
	Chair: Bob Koopman	
	 Climate Change and Agriculture in South Asia: Studying Optimal Trade Policy Options by Laborde, David 	
	 Copenhagen and Cancun: the cost of the new EU GHG mitigation policy by Bosello, Francesco, Ramiro Parrado, Fabio Eboli, Lorenza Campagnolo and Elisa Portale 	
	 Developing an Economic Model for Examining Greenhouse Issues in China by Adams, Philip 	
	 Is the European climate policy a jab against an oil shock? A CGE analysis by Saveyn, Bert, Jon Pycroft, Helene Maisonnave and Juan Carlos Ciscar 	
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11:00-11:30	Coffee Break	Concourse
11:30-13:00	Plenary Session "Growth, Development and Poverty" Chair: Thomas Hertel	Aula Magna
	 <u>Can CGE Models End Poverty?</u> by Devarajan, Shanta 	
	 Green Growth - Post-Copenhagen by Sterner, Thomas 	
13:00-13:15	2012 Conference Preview - Roberta Piermartini, WTO, Geneva, Switzerland	Aula Magna
13:15-13:30	Closing Remarks - Terrie Walmsley, Research Associate Professor and Director, Center for Global Trade Analysis, Purdue University, Australia	Aula Magna
	 Giuseppe Sammarco, Executive Director, Fondazione Eni Enrico Mattei, Italy 	
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Concourse

13:30-14:45

Lunch

2012 Conference Preview

15th Annual Conference on Global Economic Analysis

"New Challenges for Global Trade and Sustainable Development"



Geneva, Switzerland June 2012

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 on:

- Measurement and Impact Analysis of Non-Tariff Measures and Trade Facilitation
- Trade, Environment, Natural Resources and Sustainable Development
- Poverty, Income Distribution, Inequality and Development towards the Millennium Development Goals
- Multilateral and Bilateral Trade Agreements in a Globalizing World
- Impact Analysis of Trade Agreements

Abstract / Session Proposal Submission

Abstracts and organized session proposals will be accepted on the GTAP website from early November 2011 through January 15, 2012. All abstracts and proposals will go through a peer review process. The accepted presenters will be notified in early March 2012 with papers due by April 30, 2012.

Please address questions on this event to:

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