



IATRC
INTERNATIONAL AGRICULTURAL
TRADE RESEARCH CONSORTIUM

Program Agenda

Theme Day Topic:

Trade and Environmental Policies: Synergies and Rivalries

Annual Meeting

December 12-14, 2021

San Diego, CA and Virtual Platform

The International Agricultural Trade Research Consortium gratefully acknowledges the continuing support of Agriculture and Agri-Food Canada, the USDA Economic Research Service, the USDA Foreign Agricultural Service, and the USDA Office of the Chief Economist.

International Agricultural Trade Research Consortium
Annual Meeting, December 12-14, 2021

The IATRC extends heartfelt appreciation to Fabio Santeramo (University of Foggia) his time and effort as Theme Day Organizer. Thank you also to Jonathan Coleman (U.S. International Trade Commission) who served as Executive Committee Liaison and Non-Theme Day Organizer, and to Missy Sullivan, IATRC Administrative Director from the University of Minnesota, for arranging meeting details.

For information about future IATRC meetings or IATRC publications, visit the web site:

www.iatrc.org

Virtual Meeting Website
<https://www.iatrc.live/>

IATRC ANNUAL MEETING AGENDA

SUNDAY, DECEMBER 12, 2021

6:30-7:00 BREAKFAST AND REGISTRATION (BROADWAY A)

7:00-7:15 WELCOME AND INTRODUCTION (PRE-RECORDED) (BALBOA A&B AND BROADWAY B)
Titus Awokuse (Michigan State University)

7:15-8:30 CONCURRENT SESSIONS 01 AND 02

Session 01: Effects of COVID on Agricultural Trade (BALBOA A&B)

Moderator: **John Beghin** (University of Nebraska)

- 1) *Impacts of the COVID-19 Pandemic on U.S. Bilateral Trade in Agricultural Products*
John Bovay, Charlotte Emlinger and Shamar Stewart (Virginia Tech)
- 2) *Revisiting the Effects of the COVID-19 Pandemic on Canada's Agricultural Trade: The Surprising Case of an Agricultural Export Boom*
Richard Barichello (University of British Columbia)
- 3) *COVID-19 Impacts: Don't Forget Trade*
Andrew Schmitz (University of Florida)

Session 02: Global Value Chains in Agriculture (BROADWAY B)

Moderator: **Bernard Cantin** (Agriculture and Agri-Food Canada)

- 1) *The Positioning of French Agrifood Firms in Global Value Chains*
Kossi Messanh Agbekponou, Cecille Le Roy, Angela Cheptea, and Karine Latouche (INRAE, SMART-LERECO, France)
- 2) *Global Agricultural Value Chains and Structural Transformation*
Sunghun Lim (Texas Tech University)

8:30-8:45 BREAK (FOURTH FLOOR FOYER)

8:45-10:15 THEME DAY SESSION 1 (BALBOA A&B)
Trade and Environmental Policies: Synergies and Rivalries

Organizer: **Fabio Santeramo** (University of Foggia)

Discussant: **Munisamy Gopinath** (University of Georgia)

The Economic Geography of Global Warming

Esteban Rossi-Hansberg (University of Chicago)

10:15-10:30 BREAK (FOURTH FLOOR FOYER)

10:30-12:00 TIMOTHY JOSLING: TRIBUTE AND REMEMBRANCE (BALBOA A&B)
Contributions of Timothy Josling to Agricultural Trade Analysis and Policymaking

Moderator: **David Orden** (Virginia Tech)

- 1) *The Publications of Timothy Josling: An Analytical Overview*
David Blandford (Professor Emeritus, Pennsylvania State University)

- 2) *Josling's Contributions of Enduring Quality*
Stefan Tangermann (Professor Emeritus, University of Göttingen)
- 3) *Analytic and Institutional Contributions Through the IATRC*
Moderated discussion of members' perceptions and reflections

12:00-1:00 LUNCH (BROADWAY A)

6:00-8:00 RECEPTION AND DINNER (SUNSET TERRACE)

MONDAY, DECEMBER 13, 2021

6:30-7:00 BREAKFAST (BROADWAY A)

7:00-8:30 CONCURRENT SESSIONS 03 AND 04

Session 03: New Estimates of Agricultural Trade Elasticities: Evidence from USDA's Elasticity Project (BALBOA A&B)

Organizers: **Jason Grant** (Virginia Tech), **Keithly Jones** (USDA / Foreign Agricultural Service), **Shawn Arita** and **Sharon Sydow** (USDA / Office of Chief Economist)

Moderator: **Keithly Jones** (USDA / Foreign Agricultural Service)

- 1) *New Estimates of International Agricultural Trade Elasticities: Evidence from the 2018/19 Trade Dispute*
Jason Grant, Charlotte Emlinger, Xin Nin (Virginia Tech), **Shawn Arita** and **Sharon Sydow** (USDA / Office of Chief Economist)
- 2) *Developments in Demand System Approaches to Estimating Bilateral Trade Elasticities*
Andrew Muhammad (University of Tennessee) and **Jim Seale** (University of Florida)
- 3) *New Markets as New Products: Adaptation of the Bass Diffusion Model and System Dynamics Modeling for Forecasting Agri-Food Exports*
Vincent Amanor-Boadu (Kansas State University)
- 4) *Estimating Macro and Micro Armington Elasticities among Agricultural Products*
Jinyang Yang, George Davis, and Jason Grant (Virginia Tech)
- 5) *Updating Agricultural Trade Elasticities for Use in a CGE Framework*
Alla Golub, Angel Aguiar, Maksym Chepeliev, Thomas Hertel and **Dominique van der Mensbrugge** (Purdue University)

Session 04: Aspects of Agricultural Marketing and Competitiveness (BROADWAY B)

Moderator: **Titus Awokuse** (Michigan State University)

- 1) *New Plant Engineering Techniques, R&D Investment, and International Trade*
Stéphan Marette (Université Paris-Saclay), **Anne-Célia Disdier** (Paris School of Economics), **Anastasia Bodnar** (USDA, OCE), and **John Beghin** (University of Nebraska)
- 2) *Competitive Performance of Canadian Agri-Food Exports to China and India in the New Millennium: A Comparative Analysis*
Rakhal Sarker (University of Guelph)
- 3) *Income Similarity and Foreign Direct Investment in the Food and Beverage Industry*
Dongin Kim and **Sandro Steinbach** (University of Connecticut)

8:30-8:45 BREAK (FOURTH FLOOR FOYER)

8:45-10:15 THEME DAY SESSION 2 (BALBOA A&B)
Trade and Environmental Policies: Synergies and Rivalries

Organizer and Discussant: **Fabio Santeramo** (University of Foggia)
Institutions, Comparative Advantage, and the Environment
Joseph Shapiro (University of California, Berkeley)

10:15-10:30 BREAK (FOURTH FLOOR FOYER)

10:30-12:00 CONCURRENT SESSIONS 05 AND 06

Session 05: Effects of WTO Rules on Agriculture (BROADWAY B)

Moderator: **Lars Brink** (Independent Advisor)

- 1) *WTO Agriculture and Fisheries Negotiations: The Clash over SDT for Emerging Economies*
Kristen Hopewell (University of British Columbia)
- 2) *Shadow Indicators: How the U.N. Shapes Agricultural Trade Rules at the WTO*
Matias E. Margulis (University of British Columbia)
- 3) *An Ensemble of Potential Changes in the WTO Rules on Domestic Support in Agriculture: Comparing Support Space and Measured Support*
Lars Brink (Independent Advisor)

Session 06: China's Agricultural Trade Beyond the Phase One Trade Deal (BALBOA A&B)

Organizers: **Shawn Arita, Sharon Sydow** (USDA, Office of Chief Economist), and **Jason Grant** (Virginia Tech)

Moderator: **LeeAnn Jackson** (OECD, Paris)

Discussant: **Sharon Sydow** (USDA, Office of Chief Economist)

- 1) *Improving China's Market Access for Agricultural Products (Beef, Corn, Pork, Wheat)*
Jayson Beckman, Fred Gale, Stephen Morgan, Ethan Sabala, Daniella Ufer, Adriana Valculisman, Wendy Zeng, and **Shawn Arita** (USDA)
- 2) *How Thick is the U.S. – China Border Effect? Counterfactual Estimates of U.S. – China Trade Using Structural Gravity*
Jason Grant, Charlotte Emlinger (Virginia Tech), **Shawn Arita** and **Sharon Sydow** (USDA, Office of Chief Economist)
- 3) *Impacts of an Increasing Feed Deficit in China in the Face of Global Supply Constraints*
Marcel Adenäuer (OECD, Paris)

12:00-1:00 LUNCH (BROADWAY A)

TUESDAY, DECEMBER 14, 2021

6:30-7:00 BREAKFAST (BROADWAY A)

7:00-8:30 CONCURRENT SESSIONS 07 AND 08 (BALBOA A&B)

Session 7: Impacts of SPS Issues and Agricultural Trade (BROADWAY B)

Moderator: **Matias Margulis** (University of British Columbia)

- 1) *When Quality Management Helps Agri-food Firms to Export*
Charlotte Emlinger (Virginia Tech) and **Karine Latouche** (LERECO INRAE Nantes)
- 2) *Economic Assessment of Foot-and-Mouth Disease Outbreaks in Brazil*
Taís Cristina de Menezes (University of São Paulo), **Amanda Countryman** (Colorado State University), **Joaquim Bento de Souza Ferreira Filho**, and **Fernando Ferreira** (University of São Paulo)
- 3) *Animal Diseases' Heterogeneous Impact on Agricultural and Food Trade*
Konstantinos Syrenelas, **Charlotte Emlinger**, and **Jason Grant** (Virginia Tech)

Session 8: IATRC Commissioned Papers – Results and Findings (BALBOA A&B)

Moderator: **Andrew Muhammad** (University of Tennessee)

- 1) *Volatility and Recovery Dynamics in Agricultural Trade*
Savin Khadka, **Munisamy Gopinath** (University of Georgia), and **Feras Batarseh** (Virginia Tech)
- 2) *Achieving Climate Change and Environmental Goals without Protectionist Measures: Mission (Im)possible?*
Fabio Santeramo (University of Foggia and European University Institute), **Emanuele Ferrari** (Joint Research Centre, EU Commission), and **Andrea Toreti** (EU Commission)
- 3) *Agricultural Domestic Support under the WTO: Experience and Prospects*
Lars Brink (Independent Advisor) and **David Orden** (Virginia Tech)
(book manuscript in preparation based on Commissioned Paper 23, April 2020)

8:30-8:45 BREAK (FOURTH FLOOR FOYER)

8:45-10:15 THEME DAY SESSION 3 (BALBOA A&B)
Trade and Environmental Policies: Synergies and Rivalries

Organizer: **Fabio Santeramo** (University of Foggia)

Discussant: **Ian Sheldon** (Ohio State University)

Trade and Climate Change Policies: Multilateral Rules and Plurilateral Cooperation

Bernard Hoekman (European University Institute)

10:15-10:30 BREAK (FOURTH FLOOR FOYER)

Session 09: Environmental Policies and Trade (BROADWAY B)

Moderator: **Fabio Santeramo** (University of Foggia)

- 1) *On the Trade Effects of Environmentally Related Technical Measures*
Fabio Santeramo (University of Foggia and European University Institute), **Emilia Lamonaca** (University of Foggia), and **Charlotte Emlinger** (Virginia Tech)
- 2) *The Impact of China's Environmental and Trade Policies on Global Waste Markets*
Sandro Steinbach and **Xiting Zhuang** (University of Connecticut)
- 3) *Border Carbon Adjustments: Should Production or Consumption be Taxed?*
Will Martin (International Food Policy Research Institute)

Session 10: Role of Transportation in Agriculture (BALBOA A&B)

Moderator: **Lynn Kennedy** (Louisiana State University)

- 1) *Roads, Trade, and Development: Evidence from the Agricultural Boom in Brazil*
Xi He, **Guilherme DePaula**, and **Wendong Zhang** (Iowa State University)
- 2) *Agricultural Trade and Product Quality: Evidence from Modes of Transport*
Dela-Dem Doe Fiankor (Agroscope, Switzerland), **Bernhard Dalheimer** (University of Göttingen), **Daniele Curzi** (University of Milan) and **Bernard Brümmer** (University of Göttingen)
- 3) *Maritime Transportation Costs in the Grains and Oilseeds Sector*
Annelies Deuss (OECD, Paris)



