25th Annual Conference on Global Economic Analysis

“Accelerating Economic Transformation, Diversification and Job Creation”

June 8-10, 2022

Global Trade Analysis Project

United Nations Economic Commission for Africa
Wednesday, June 8, 2022
All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

Times listed within each session are targets and may vary slightly based on how the session is running.

6:00 AM - 8:15 AM

Organized Session #1 - Sub-national multi-regional modelling: applications of TERM

Organizer: David Suarez-Cuesta
Host: Zeynep Akgul
Chair: Mark Horridge

Session Introduction (Mark Horridge)
6:00 AM - 6:05 AM

Preparing a multi-country, sub-national CGE model: EuroTERM including Ukraine (Glyn Wittwer)
6:05 AM - 6:25 AM

Discussion
6:25 AM - 6:35 AM

Transition
6:35 AM - 6:37 AM

A fiscus for better economic and social development in South Africa (Jan van Heerden)
6:37 AM - 6:57 AM

Discussion
6:57 AM - 7:07 AM

Transition
7:07 AM - 7:09 AM

A computable general equilibrium analysis of the Infrastructure Investment and Jobs Act’s impact on the US economy (David Suarez-Cuesta)
7:09 AM - 7:29 AM

Discussion
7:29 AM - 7:39 AM

Transition
7:39 AM - 7:41 AM

Discussant (Mark Horridge)
7:41 AM - 8:11 AM

Session Closing (Mark Horridge)
8:11 AM - 8:15 AM
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6:00 AM – 7:43 AM

**Organized Session #2 - Global Agricultural and Industrial Subsidies**

**Organizers:** Erwin Corong, Eddy Bekkers  
**Host:** Erwin Corong  
**Chair:** Anna Strutt

**Session Introduction** (Anna Strutt)  
6:00 AM - 6:05 AM

**The GTAP-DS (Domestic Support) Model** (Anna Strutt)  
6:05 AM - 6:25 AM

**Discussion**  
6:25 AM - 6:35 AM

**Transition**  
6:35 AM - 6:37 AM

**The Relative Importance of Global Agricultural Subsidies and Market Access, Revisited** (Kym Anderson)  
6:37 AM - 6:57 AM

**Discussion**  
6:57 AM - 7:07 AM

**Transition**  
7:07 AM - 7:09 AM

**Industrial subsidies affecting the economy: the case of trade between China and the EU** (Beatriz Velazquez)  
7:09 AM - 7:29 AM

**Discussion**  
7:29 AM - 7:39 AM

**Session Closing** (Anna Strutt)  
7:39 AM - 7:43 AM
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6:00 AM - 8:15 AM

**Organized Session #3 - Green Economy and Jobs**

**Organizer:** Sebnem Sahin  
**Host:** Uris Lantz Baldos  
**Chair:** Rajesh Chadha

**Session Introduction** (Rajesh Chadha)  
6:00 AM - 6:05 AM

6:05 AM - 6:25 AM

**Discussion**  
6:25 AM - 6:35 AM

**Transition**  
6:35 AM - 6:37 AM

**Private Sector Alignment with the European Green Deal in the Western Balkans** (Sebnem Sahin)  
6:37 AM - 6:57 AM

**Discussion**  
6:57 AM - 7:07 AM

**Transition**  
7:07 AM - 7:09 AM

**Macroeconomic Impacts of Net Zero Pathway for Turkey** (Hasan Dudu)  
7:09 AM - 7:29 AM

**Discussion**  
7:29 AM - 7:39 AM

**Transition**  
7:39 AM - 7:41 AM

**Critical Minerals for India: Assessing their Criticality and Projecting their Needs for Green Technologies** (Ganesh Sivamani)  
7:41 AM - 8:01 AM

**Discussion**  
8:01 AM - 8:11 AM

**Session Closing** (Rajesh Chadha)  
8:11 AM - 8:15 AM
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6:00 AM - 8:15 AM

**Organized Session #4 - Impact of the African Continental Free Trade Area (AfCFTA) on selected African countries that are members of the Organization of Islamic Cooperation (OIC)**

Organizers: Abdouramane Diallo, Simon Mevel
Host: Roman Keeney
Chair: Stephen Karingi

**Session Introduction** (Stephen Karingi)  
6:00 AM - 6:05 AM

**Potential Impacts of the African Continental Free Trade Area (AfCFTA) on Selected Countries: Case of Cote d'Ivoire, Egypt, Guinea, Mozambique, Tunisia and Uganda** (Kenan Bagci)  
6:05 AM - 6:25 AM

**Discussion**  
6:25 AM - 6:35 AM

**Transition**  
6:35 AM - 6:37 AM

**Trade liberalization as a result of the AfCFTA membership Algeria case** (Amina Harbi)  
6:37 AM - 6:57 AM

**Discussion**  
6:57 AM - 7:07 AM

**Transition**  
7:07 AM - 7:09 AM

**An Economic Assessment of the AfCFTA Impact on the Moroccan Economy** (Sara Allali)  
7:09 AM - 7:29 AM

**Discussion**  
7:29 AM - 7:39 AM

**Transition**  
7:39 AM - 7:41 AM

**Impacts of Trade Facilitation and Logistics Performance on Trade Flows: The Case of Landlocked African OIC Countries (Burkina Faso, Chad, Mali, Niger and Uganda)** (Esat Bakimli)  
7:41 AM - 8:01 AM

**Discussion**  
8:01 AM - 8:11 AM

**Session Closing** (Stephen Karingi)  
8:11 AM - 8:15 AM
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6:00 AM - 8:15 AM

**Session #5 - Food and Nutrition**

**Host:** Maksym Chepeliev  
**Chair:** Martina Sartori

**Session Introduction** (Martina Sartori)  
6:00 AM - 6:05 AM

**Taking into account affordable and healthy diets: Implications for sustainable development** (Hao Cai)  
6:05 AM - 6:25 AM

**Discussion**  
6:25 AM - 6:35 AM

**Transition**  
6:35 AM - 6:37 AM

**Agricultural R&D investments in Brazil: global responses and local spillovers** (Cicero Zanetti De Lima)  
6:37 AM - 6:57 AM

**Discussion**  
6:57 AM - 7:07 AM

**Transition**  
7:07 AM - 7:09 AM

**Consequences of national food system transitions in Ethiopia for ending hunger and achieving healthy diets** (Jason Levin-Koopman)  
7:09 AM - 7:29 AM

**Discussion**  
7:29 AM - 7:39 AM

**Transition**  
7:39 AM - 7:41 AM

**Enhancing labour productivity by improving nutrition in Kenya: micro-econometric estimates for dynamic CGE model calibration** (Maria Priscila Ramos)  
7:41 AM - 8:01 AM

**Discussion**  
8:01 AM - 8:11 AM

**Session Closing** (Martina Sartori)  
8:11 AM - 8:15 AM
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6:00 AM - 8:15 AM

**Session #6 - Dynamic Modelling of Climate Change Policies**

**Host:** Zhan Wang  
**Chair:** Catherine Milot

**Session Introduction** (Catherine Milot)  
6:00 AM - 6:05 AM

*Nationally determined contributions and scenarios of agricultural emission reductions at country level* (Laerke Jensbye)  
6:05 AM - 6:25 AM

**Discussion**  
6:25 AM - 6:35 AM

**Transition**  
6:35 AM - 6:37 AM

*Climate Policy and Green Transition – a CGE Analysis of the Finnish 2035 Carbon Neutrality Target* (Juha Honkatukia)  
6:37 AM - 6:57 AM

**Discussion**  
6:57 AM - 7:07 AM

**Transition**  
7:07 AM - 7:09 AM

*Assessing short-term and long-term economic and environmental effects of deep decarbonisation pathways in Tunisia* (Meriem Hamdi-Cherif)  
7:09 AM - 7:29 AM

**Discussion**  
7:29 AM - 7:39 AM

**Transition**  
7:39 AM - 7:41 AM

*Quantifying uncertainty in global and sub-global socioeconomic and greenhouse gas emissions futures* (Angelo Gurgel)  
7:41 AM - 8:01 AM

**Discussion**  
8:01 AM - 8:11 AM

**Session Closing** (Catherine Milot)  
8:11 AM - 8:15 AM
**Session #7 - Baseline Development**

**Host:** Angel Aguiar  
**Chair:** Jean Fouré

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**Session Introduction** (Jean Fouré)  
6:00 AM - 6:05 AM

**Updating the economic drivers in the SSPs** (Rob Dellink)  
6:05 AM - 6:25 AM

**Discussion**  
6:25 AM - 6:35 AM

**Transition**  
6:35 AM - 6:37 AM

**Quantifying SDG indicators for multiple SSPs up to 2050 with a focus on selected low and low-middle income countries and the bio-economy based on CGE analysis** (Rienne Wilts)  
6:37 AM - 6:57 AM

**Discussion**  
6:57 AM - 7:07 AM

**Transition**  
7:07 AM - 7:09 AM

**CGE model calibration using multi-objective evolutionary algorithms** (Victor Nechifor)  
7:09 AM - 7:29 AM

**Discussion**  
7:29 AM - 7:39 AM

**Transition**  
7:39 AM - 7:41 AM

**Modeling Sustainable Long-Term Electricity Supply-Demand in Central Africa for Industrialisation and Economic Diversification** (Nadia Ouedraogo)  
7:41 AM - 8:01 AM

**Discussion**  
8:01 AM - 8:11 AM

**Session Closing** (Jean Fouré)  
8:11 AM - 8:15 AM

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8:30 AM - 10:13 AM

Organized Session #8 - Trade policy modelling and data issues

Organizer: Alessandro Antimiani
Host: Angel Aguiar
Chair: Lars Nilsson

Session Introduction (Lars Nilsson)
8:30 AM - 8:35 AM

Trade flows treatment in multi-regional input-output tables (Zornitsa Kutlina-Dimitrova)
8:35 AM - 8:55 AM

Discussion
8:55 AM - 9:05 AM

Transition
9:05 AM - 9:07 AM

Differences between GTAP and TiVA trade in value added indicators and implications for value chain analysis (Luca Salvatici)
9:07 AM - 9:27 AM

Discussion
9:27 AM - 9:37 AM

Transition
9:37 AM - 9:39 AM

Trade policy and the environmental impacts along global supply chains: an ex-post analysis (Ilaria Fusacchia)
9:39 AM - 9:59 AM

Discussion
9:59 AM - 10:09 AM

Session Closing (Lars Nilsson)
10:09 AM - 10:13 AM
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8:30 AM - 10:45 AM

Organized Session #9 - *Environmental Sustainability in Africa*

**Organizers:** Emanuele Ferrari, Victor Nechifor  
**Host:** Dominique van der Mensbrugghe  
**Chair:** Emanuele Ferrari

**Session Introduction** (Emanuele Ferrari)  
8:30 AM - 8:35 AM

*The economic effects of soil erosion in Africa: a 2050 analysis* (Martina Sartori)  
8:35 AM - 8:55 AM

**Discussion**  
8:55 AM - 9:05 AM

**Transition**  
9:05 AM - 9:07 AM

*African economic integration and its effects on climate change adaptation and hunger* (Antti Simola)  
9:07 AM - 9:27 AM

**Discussion**  
9:27 AM - 9:37 AM

**Transition**  
9:37 AM - 9:39 AM

*Policy design framework for balancing economic and environmental SDGs: Application to the Egyptian economy* (Mohammed Basheer)  
9:39 AM - 9:59 AM

**Discussion**  
9:59 AM - 10:09 AM

**Transition**  
10:09 AM - 10:11 AM

*Environmental sustainability and job creation: a SAM-based approach for Cameroon* (Andrea El Meligi)  
10:11 AM - 10:31 AM

**Discussion**  
10:31 AM - 10:41 AM

**Session Closing** (Emanuele Ferrari)  
10:41 AM - 10:45 AM
Wednesday, June 8, 2022
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Times listed within each session are targets and may vary slightly based on how the session is running.

8:30 AM - 10:45 AM

Organized Session #10 - Multi-scale analysis of U.S. climate policy: gridded implications for land systems change, water use and nitrogen leaching

Organizer: Maksym Chepeliev
Host: Maksym Chepeliev
Chair: Thomas Hertel

Session Introduction (Thomas Hertel)
8:30 AM - 8:35 AM

U.S. Climate Policy Revisited: Spatially Distributed Spillover Effects on Agricultural Production, Trade and Land Use (Uris Lantz Baldos)
8:35 AM - 8:55 AM

Discussion
8:55 AM - 9:05 AM

Transition
9:05 AM - 9:07 AM

Does Carbon Pricing Benefit Conservation Agriculture? (Jing Liu)
9:07 AM - 9:27 AM

Discussion
9:27 AM - 9:37 AM

Transition
9:37 AM - 9:39 AM

Implications of Climate Policy for Local Agriculture and Irrigation (Iman Haqiqi/Thomas Hertel)
9:39 AM - 9:59 AM

Discussion
9:59 AM - 10:09 AM

Transition
10:09 AM - 10:11 AM

Reducing US Biofuels Requirements Mitigates Short-term Impacts of Global Population and Income Growth on Agricultural Environmental Outcomes (David Johnson)
10:11 AM - 10:31 AM

Discussion
10:31 AM - 10:41 AM

Session Closing (Thomas Hertel)
10:41 AM - 10:45 AM
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8:30 AM - 10:45 AM

**Session #11 - Transportation**

**Host:** Alla Golub  
**Chair:** Meriem Hamdi-Cherif

**Session Introduction** (Meriem Hamdi-Cherif)  
8:30 AM - 8:35 AM

*Re-Evaluation of Free Trade Agreement: Based on Regional Value Contents in Agricultural, Fishery and Livestock products* (Byeong-ho Lim)  
8:35 AM - 8:55 AM

**Discussion**  
8:55 AM - 9:05 AM

**Transition**  
9:05 AM - 9:07 AM

*International maritime shipping decarbonization under alternative technological scenarios: effects on agrifood markets* (Francesco Clora)  
9:07 AM - 9:27 AM

**Discussion**  
9:27 AM - 9:37 AM

**Transition**  
9:37 AM - 9:39 AM

*Tax elimination on terminal handling charges of the sectoral importers: assessing the economic effects in Brazil* (Andressa Proque)  
9:39 AM - 9:59 AM

**Discussion**  
9:59 AM - 10:09 AM

**Transition**  
10:09 AM - 10:11 AM

*Transportation Cost, Agricultural Production and Cropland Expansion in Brazil: A Multi-scale Analysis* (Zhan Wang)  
10:11 AM - 10:31 AM

**Discussion**  
10:31 AM - 10:41 AM

**Session Closing** (Meriem Hamdi-Cherif)  
10:41 AM - 10:45 AM
Wednesday, June 8, 2022
Times listed within each session are targets and may vary slightly based on how the session is running.

8:30 AM - 10:13 AM

**Session #12 - Climate Change Policy**

**Host:** Alfredo Cisneros-Pineda

**Chair:** Sonja Peterson

**Session Introduction** (Sonja Peterson)
8:30 AM - 8:35 AM

**The Role of Trade Policy in Climate Mitigation: Carbon Border Adjustment Mechanism (CBAM)** (Karen Thierfelder)
8:35 AM - 8:55 AM

**Discussion**
8:55 AM - 9:05 AM

**Transition**
9:05 AM - 9:07 AM

**The impact of EU’s Carbon Border Adjustment Mechanism on China’s economy** (Jianwu He)
9:07 AM - 9:27 AM

**Discussion**
9:27 AM - 9:37 AM

**Transition**
9:37 AM - 9:39 AM

**Economic resilience in the low-carbon transition: a CGE analysis of climate policies beyond carbon pricing** (Jean Fouré)
9:39 AM - 9:59 AM

**Discussion**
9:59 AM - 10:09 AM

**Session Closing** (Sonja Peterson)
10:09 AM - 10:13 AM
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8:30 AM - 10:45 AM

**Session #13 - Labor Market Issues**

Host: Debadrita (Rimi) Kundu
Chair: Hasan Dudu

**Session Introduction** (Hasan Dudu)
8:30 AM - 8:35 AM

*Analysis of the Impact of Trade Liberalization on the Zimbabwean Economy: A case of the African Continental Free Trade Area (AfCFTA)* (Talent Nesongano)
8:35 AM - 8:55 AM

**Discussion**
8:55 AM - 9:05 AM

**Transition**
9:05 AM - 9:07 AM

9:07 AM - 9:27 AM

**Discussion**
9:27 AM - 9:37 AM

**Transition**
9:37 AM - 9:39 AM

*Intended and Unintended Impacts of Minimum Wage Change: A Computable General Equilibrium Model Analysis with Cross-border Labor Mobility in the Philippines* (Deborah Kim Sy)
9:39 AM - 9:59 AM

**Discussion**
9:59 AM - 10:09 AM

**Transition**
10:09 AM - 10:11 AM

*Macroeconomic and trade effects of restrictions in cross border labour mobility* (Donal Smith)
10:11 AM - 10:31 AM

**Discussion**
10:31 AM - 10:41 AM

**Session Closing** (Hasan Dudu)
10:41 AM - 10:45 AM
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8:30 AM - 10:45 AM

**Session #14 - Trade in Africa**

**Host:** Roman Keeney

**Chair:** Andrew Mold

**Session Introduction** (Andrew Mold)
8:30 AM - 8:35 AM

*A Macro and Micro Analysis of Value Chain Trade in Africa* (Socrates Majune)
8:35 AM - 8:55 AM

**Discussion**
8:55 AM - 9:05 AM

**Transition**
9:05 AM - 9:07 AM

*Institutions and intra-sub-regional trade: the ECOWAS Case* (David Fadiran)
9:07 AM - 9:27 AM

**Discussion**
9:27 AM - 9:37 AM

**Transition**
9:37 AM - 9:39 AM

*An empirical assessment of the role of trade in services in export diversification in Sub-Saharan Africa* (Bouraima Sawadogo)
9:39 AM - 9:59 AM

**Discussion**
9:59 AM - 10:09 AM

**Transition**
10:09 AM - 10:11 AM

*Trade Policy and African Participation in Global Value Chains: Does Trade Facilitation Matter?* (Moukaila Mouzamilou Takpara)
10:11 AM - 10:31 AM

**Discussion**
10:31 AM - 10:41 AM

**Session Closing** (Andrew Mold)
10:41 AM - 10:45 AM
11:00 AM - 12:30 PM

**Plenary Session #1**

**Host:** Dominique van der Mensbrugghe  
**Chair:** Bob Koopman

**Session Introduction** (Bob Koopman)  
11:00 AM - 11:05 AM

*A world trading system for the twenty-first century* (Robert W. Staiger)  
11:05 AM - 11:30 AM

**Discussion**  
11:30 AM - 11:45 AM

**Transition**  
11:45 AM - 11:46 AM

*Can the AfCFTA put African integration on a new track?* (Trudi Hartzenberg)  
11:46 AM - 12:11 PM

**Discussion**  
12:11 PM - 12:26 PM

**Session Closing** (Bob Koopman)  
12:26 PM - 12:30 PM
Organized Session #15 - Incorporating Unemployment and Labor Market Adjustments into CGE Models

Organizer: Wen Jin Yuan
Host: Debadrita (Rimi) Kundu
Chair: Hom Pant

Session Introduction (Hom Pant)
6:00 AM - 6:05 AM

Incorporating Labor Adjustment Mechanisms into the GTAP-RD Model (Wen Jin Yuan)
6:05 AM - 6:25 AM

Discussion
6:25 AM - 6:35 AM

Transition
6:35 AM - 6:37 AM

Creating USAGE-OCC: a CGE model of the U.S. with a disaggregated occupational dimension (Maureen Rimmer)
6:37 AM - 6:57 AM

Discussion
6:57 AM - 7:07 AM

Transition
7:07 AM - 7:09 AM

The distributional impacts of trade: The World Bank CGE-GIDD model used in applied trade policy simulations for Rwanda (Israel Osorio Rodarte)
7:09 AM - 7:29 AM

Discussion
7:29 AM - 7:39 AM

Transition
7:39 AM - 7:41 AM

The EU-Mercosur agreement: An in-depth analysis of CO2 emissions and labor market results (María C. Latorre)
7:41 AM - 8:01 AM

Discussion
8:01 AM - 8:11 AM

Session Closing (Hom Pant)
8:11 AM - 8:15 AM
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6:00 AM - 7:43 AM

**Organized Session #16 - Can Carbon Leakage Hinder Transition to a Green Economy?**

**Organizer:** Sebnem Sahin  
**Host:** Maksym Chepeliev  
**Chair:** A. Erinc Yeldan

**Session Introduction** (A. Erinc Yeldan)  
6:00 AM - 6:05 AM

*Potential carbon leakage risk: A cross-sector cross-country assessment in the OECD area* (Julio G. Fournier Gabela)  
6:05 AM - 6:25 AM

**Discussion**  
6:25 AM - 6:35 AM

**Transition**  
6:35 AM - 6:37 AM

*Making the EU Carbon Border Adjustment Mechanism Acceptable and Climate Friendly for Least Developed Countries* (Marc Vielle)  
6:37 AM - 6:57 AM

**Discussion**  
6:57 AM - 7:07 AM

**Transition**  
7:07 AM - 7:09 AM

*Fostering Green Economy in New Jersey under the aegis of Regional Greenhouse Gas Initiative* (Dileep Birur)  
7:09 AM - 7:29 AM

**Discussion**  
7:29 AM - 7:39 AM

**Session Closing** (A. Erinc Yeldan)  
7:39 AM - 7:43 AM
**Organized Session #17 - Promoting Trade, Industrialization, and Economic Diversification in Central Africa: Evidence-Based Approaches to the Formulation and Implementation of AfCFTA Strategies**

*Recording Note*
The organizer of this session requested the recording not be made publicly available because presentations contained unvalidated results.

**Organizer:** Caitlyn Carrico  
**Host:** Zeynep Akgul  
**Chair:** Stephen Karingi

**Session Introduction** (Stephen Karingi)  
6:00 AM - 6:05 AM

*The African Continental Free Trade Area: harnessing Benefits, Opportunities and addressing Challenges for Central Africa* (Jean Luc Mastaki Namegabe)  
6:05 AM - 6:25 AM

**Discussion**  
6:25 AM - 6:35 AM

**Transition**  
6:35 AM - 6:37 AM

*A micro-level approach to export diversification in Central Africa: Identifying new opportunities for market expansion* (Martin Cameron)  
6:37 AM - 6:57 AM

**Discussion**  
6:57 AM - 7:07 AM

**Transition**  
7:07 AM - 7:09 AM

*A macro-level analysis of AfCFTA for Central Africa: Linking Trade Policy to Industrialization and Diversification Plans* (Caitlyn Carrico)  
7:09 AM - 7:29 AM

**Discussion**  
7:29 AM - 7:39 AM

**Session Closing** (Stephen Karingi)  
7:39 AM - 7:43 AM
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6:00 AM - 8:15 AM

**Session #18 - Dynamic Modelling, Baseline Development, and GTAP Data Base Extensions**

Host: Alfredo Cisneros-Pineda  
Chair: Angel Aguiar

**Session Introduction** (Angel Aguiar)  
6:00 AM - 6:05 AM

**Costs of LDC Graduation on Market Access: Evidence from Emerging Bangladesh** (Mohammad Rahman)  
6:05 AM - 6:25 AM

**Discussion**  
6:25 AM - 6:35 AM

**Transition**  
6:35 AM - 6:37 AM

**The Economic Characteristics of an Aging Society: a Dynamic Computable General Equilibrium Analysis** (Xiujian Peng)  
6:37 AM - 6:57 AM

**Discussion**  
6:57 AM - 7:07 AM

**Transition**  
7:07 AM - 7:09 AM

**Monetary policy interest rate rule in a CGE model** (Ragchaasuren Galindev)  
7:09 AM - 7:29 AM

**Discussion**  
7:29 AM - 7:39 AM

**Transition**  
7:39 AM - 7:41 AM

**GTAP10Nor: Adjusted GTAP database v10 based on national accounting data of Norway** (Taoyuan Wei)  
7:41 AM - 8:01 AM

**Discussion**  
8:01 AM - 8:11 AM

**Session Closing** (Angel Aguiar)  
8:11 AM - 8:15 AM
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6:00 AM - 8:15 AM

**Session #19 - Environmental and Climate Change Policies**

**Host:** Uris Lantz Baldos  
**Chair:** Mike Bourne

**Session Introduction** (Mike Bourne)  
6:00 AM - 6:05 AM

**The Plastic Intensity of Industries in the US: The Devil Wears Plastic** (Dominic White)  
6:05 AM - 6:25 AM

**Discussion**  
6:25 AM - 6:35 AM

**Transition**  
6:35 AM - 6:37 AM

**The economic consequences of declining demand for Australia’s fossil-fuel exports** (Cedric Hodges)  
6:37 AM - 6:57 AM

**Discussion**  
6:57 AM - 7:07 AM

**Transition**  
7:07 AM - 7:09 AM

**Carbon policies in developed countries: effects on world trade and welfare** (Xian Hu)  
7:09 AM - 7:29 AM

**Discussion**  
7:29 AM - 7:39 AM

**Transition**  
7:39 AM - 7:41 AM

**Mitigation pathway of domestic mixed environmental taxes and the effects of trade restrictions on air pollution mitigation in China** (Xiurong Hu)  
7:41 AM - 8:01 AM

**Discussion**  
8:01 AM - 8:11 AM

**Session Closing** (Mike Bourne)  
8:11 AM - 8:15 AM
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6:00 AM - 8:15 AM

Session #20 - Software and Model Extension/Development

Host: Ginger Batta
Chair: Ilaria Fusacchia

Session Introduction (Ilaria Fusacchia)
6:00 AM - 6:05 AM

Runge-Kutta integrators for fast and accurate solutions in GEMPACK (Florian Schiffmann)
6:05 AM - 6:25 AM

Discussion
6:25 AM - 6:35 AM

Transition
6:35 AM - 6:37 AM

Modular source code for GTAP version 7 models (Erwin Corong)
6:37 AM - 6:57 AM

Discussion
6:57 AM - 7:07 AM

Transition
7:07 AM - 7:09 AM

Modeling the interactions of complex tariff regimes (Tatjana Döbeling)
7:09 AM - 7:29 AM

Discussion
7:29 AM - 7:39 AM

Transition
7:39 AM - 7:41 AM

Integrating information from national SAMs into a dis-aggregated GTAP Data Base (Wolfgang Britz)
7:41 AM - 8:01 AM

Discussion
8:01 AM - 8:11 AM

Session Closing (Ilaria Fusacchia)
8:11 AM - 8:15 AM
Thursday, June 9, 2022

All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

Times listed within each session are targets and may vary slightly based on how the session is running.

6:00 AM - 7:43 AM

**Session #21 - COVID and Social Investment Reforms**

Host: Zhan Wang
Chair: Frank van Tongeren

**Session Introduction** (Frank van Tongeren)
6:00 AM - 6:05 AM

**COVID-19, Tourism, and the Cost of Uneven Recovery** (Christine Arriola)
6:05 AM - 6:25 AM

Discussion
6:25 AM - 6:35 AM

Transition
6:35 AM - 6:37 AM

**Analysis of Future International Trade and Logistics in Africa: Considering Major Risks and Opportunities in the Post COVID-19 World** (Masahiro Abe)
6:37 AM - 6:57 AM

Discussion
6:57 AM - 7:07 AM

Transition
7:07 AM - 7:09 AM

**Are the recent VAT and social investment reforms in Nigeria conducive for social and economic inclusion?**
(Oluwasola Emmanuel Omoju)
7:09 AM - 7:29 AM

Discussion
7:29 AM - 7:39 AM

**Session Closing** (Frank van Tongeren)
7:39 AM - 7:43 AM
Thursday, June 9, 2022

All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

Times listed within each session are targets and may vary slightly based on how the session is running.

8:30 AM - 10:45 AM

**Organized Session #22 - Impact of European Meat and Dairy Product Exports on West African Countries**

**Organizer:** Janine Pelikan

**Host:** Ginger Batta

**Chair:** Maryla Maliszewska

**Session Introduction** (Maryla Maliszewska)
8:30 AM - 8:35 AM

**European Exports of Poultry and Milk Products to Ghana and Senegal: A Blessing or a Curse?** (Janine Pelikan)
8:35 AM - 8:55 AM

**Discussion**
8:55 AM - 9:05 AM

**Transition**
9:05 AM - 9:07 AM

**Why did the chicken cross the border? Assessing farm performance of broiler production in Ghana and Germany** (Craig Chibanda)
9:07 AM - 9:27 AM

**Discussion**
9:27 AM - 9:37 AM

**Transition**
9:37 AM - 9:39 AM

**Consumer behavior towards imported dairy products: a cross-cultural analysis of products from three origins in Ghana and Senegal** (Mavis Boimah)
9:39 AM - 9:59 AM

**Discussion**
9:59 AM - 10:09 AM

**Transition**
10:09 AM - 10:11 AM

**Investigating Poultry Interventions in Ghana and Senegal** (Omid Zamani)
10:11 AM - 10:31 AM

**Discussion**
10:31 AM - 10:41 AM

**Session Closing** (Maryla Maliszewska)
10:41 AM - 10:45 AM
Thursday, June 9, 2022
All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

Times listed within each session are targets and may vary slightly based on how the session is running.

8:30 AM - 10:45 AM

Organized Session #23 - Circular Economy and Material Resources Modeling

Organizers: Maksym Chepeliev, Ruben Bibas
Host: Maksym Chepeliev
Chair: Elisa Lanzi

Session Introduction (Elisa Lanzi)
8:30 AM - 8:35 AM

Modelling plastics use and waste in a CGE: Methodology and baseline projections to 2060 (Ruben Bibas)
8:35 AM - 8:55 AM

Discussion
8:55 AM - 9:05 AM

Transition
9:05 AM - 9:07 AM

Synergies and trade-offs between climate and circular economy policies in the steel industry (Alvaro Calzadilla)
9:07 AM - 9:27 AM

Discussion
9:27 AM - 9:37 AM

Transition
9:37 AM - 9:39 AM

EU Green Deal and Circular Economy Transition: Impacts and Interactions (Angel Aguiar/Maksym Chepeliev)
9:39 AM - 9:59 AM

Discussion
9:59 AM - 10:09 AM

Transition
10:09 AM - 10:11 AM

Eat good, waste less? Global food loss and waste in the context of healthier and more sustainable diets (Alessandro Gatto)
10:11 AM - 10:31 AM

Discussion
10:31 AM - 10:41 AM

Session Closing (Elisa Lanzi)
10:41 AM - 10:45 AM
Organized Session #24 - Impact of Covid-19 on trade flows in Africa: Empirical evidence from three cases studies

Organizers: Mustapha Sadni Jallab, Simon Mevel
Host: Debadrita (Rimi) Kundu
Chair: Paul Baker

Session Introduction (Paul Baker)
8:30 AM - 8:35 AM

Impact of COVID-19 on Tunisian imports (Amal Medini)
8:35 AM - 8:55 AM

Discussion
8:55 AM - 9:05 AM

Transition
9:05 AM - 9:07 AM

Effects of Covid-19 on international trade and post recovery strategies in Kenya (Justine Mogendi)
9:07 AM - 9:27 AM

Discussion
9:27 AM - 9:37 AM

Transition
9:37 AM - 9:39 AM

Impact of the Global COVID-19 Pandemic on FDI: Evidence from a Small Open Economy (Zameelah Khan Jaffur)
9:39 AM - 9:59 AM

Discussion
9:59 AM - 10:09 AM

Transition
10:09 AM - 10:11 AM

Firms' digital investment and resilience to shocks: Evidence from the Covid-19 pandemic in Ghana (Emmanuel Orkoh)
10:11 AM - 10:31 AM

Discussion
10:31 AM - 10:41 AM

Session Closing (Paul Baker)
10:41 AM - 10:45 AM
Thursday, June 9, 2022

All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

Times listed within each session are targets and may vary slightly based on how the session is running.

8:30 AM - 10:45 AM

**Session #25 - Land Use Impact on Food, Ecosystem, and Renewable Resources**

**Host:** Uris Lantz Baldos

**Chair:** Cicero Zanetti De Lima

**Session Introduction** (Cicero Zanetti De Lima)

8:30 AM - 8:35 AM

**Trade policy and land use impact** (Alessandro Antimiani)

8:35 AM - 8:55 AM

**Discussion**

8:55 AM - 9:05 AM

**Transition**

9:05 AM - 9:07 AM

**Implications of an EU Import Stop on Food: A Dark Cloud with a Silver Lining?** (Ferike Thom)

9:07 AM - 9:27 AM

**Discussion**

9:27 AM - 9:37 AM

**Transition**

9:37 AM - 9:39 AM

**Towards Investment in the Sustainable Tuna Fisheries in Tanzania: A computable general equilibrium model approach** (Asiya Maskaeva)

9:39 AM - 9:59 AM

**Discussion**

9:59 AM - 10:09 AM

**Transition**

10:09 AM - 10:11 AM

**Renewable resource rents, taxation and the effects of wind power on rural economies** (Russell Hillberry)

10:11 AM - 10:31 AM

**Discussion**

10:31 AM - 10:41 AM

**Session Closing** (Cicero Zanetti De Lima)

10:41 AM - 10:45 AM
Thursday, June 9, 2022
All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

Times listed within each session are targets and may vary slightly based on how the session is running.

8:30 AM - 10:45 AM

Session #26 - Preferential Trading Arrangements

Host: Erwin Corong
Chair: Mary Burfisher

Session Introduction (Mary Burfisher)
8:30 AM - 8:35 AM

Trade Creation and Trade Diversion Resulting from the Phase 1 Trade Agreement for Agriculture (Joseph Balagtas)
8:35 AM - 8:55 AM

Discussion
8:55 AM - 9:05 AM

Transition
9:05 AM - 9:07 AM

Regional Computable General Equilibrium Model of Japan and the Global Economy (Ken Itakura)
9:07 AM - 9:27 AM

Discussion
9:27 AM - 9:37 AM

Transition
9:37 AM - 9:39 AM

Beyond production and consumption: using throughflows to untangle the virtual trade of externalities (Etienne Berthet)
9:39 AM - 9:59 AM

Discussion
9:59 AM - 10:09 AM

Transition
10:09 AM - 10:11 AM

Global protectionist trade effect of rules of origin: assessment of input-output restrictions at HS6 level in 400 FTAs (Dzmitry Kniahin)
10:11 AM - 10:31 AM

Discussion
10:31 AM - 10:41 AM

Session Closing (Mary Burfisher)
10:41 AM - 10:45 AM
Thursday, June 9, 2022
All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

Times listed within each session are targets and may vary slightly based on how the session is running.

8:30 AM - 10:45 AM

Session #27 - Multilateral Trade Negotiations and Trade in Services

Host: Alla Golub
Chair: Andre Barbe

Session Introduction (Andre Barbe)
8:30 AM - 8:35 AM

How Bilateral Trade Deals Get in the Way of Multilateral Agreements (Maros Ivanic)
8:35 AM - 8:55 AM

Discussion
8:55 AM - 9:05 AM

Transition
9:05 AM - 9:07 AM

Does Natural Resources Endowment Affect Export Diversification In Africa? A Cross-Country Analysis (Dieynaba Niass)
9:07 AM - 9:27 AM

Discussion
9:27 AM - 9:37 AM

Transition
9:37 AM - 9:39 AM

Impact of Digital Economy Agreements on ASEAN Development: Estimates from a CGE Model (Taojun Xie)
9:39 AM - 9:59 AM

Discussion
9:59 AM - 10:09 AM

Transition
10:09 AM - 10:11 AM

10:11 AM - 10:31 AM

Discussion
10:31 AM - 10:41 AM

Session Closing (Andre Barbe)
10:41 AM - 10:45 AM
11:00 AM - 1:15 PM

**Organized Session #28 - The Affordability, Availability, and Demand for Healthy, Sustainable Diets: Metrics, Methods, and Simulation Approaches**

**Organizer:** Channing Arndt  
**Host:** Roman Keeney  
**Chair:** Channing Arndt

**Session Introduction (Channing Arndt)**  
11:00 AM - 11:05 AM

**Nutrition as a Basic Need: A new method for utility-consistent and nutritionally adequate food poverty lines** (Kristi Mahrt)  
11:05 AM - 11:25 AM

**Discussion**  
11:25 AM - 11:35 AM

**Transition**  
11:35 AM - 11:37 AM

**Exploring Micronutrient Deficiency Risks in Africa using Projections of the Food System** (Sherwin Gabriel)  
11:37 AM - 11:57 AM

**Discussion**  
11:57 AM - 12:07 PM

**Transition**  
12:07 PM - 12:09 PM

**Nutrition Indicators for CGE Models** (Ronald Sands)  
12:09 PM - 12:29 PM

**Discussion**  
12:29 PM - 12:39 PM

**Transition**  
12:39 PM - 12:41 PM

**Costing Healthy Diets and Measuring Deprivation: New Indicators and Modeling Approaches** (Karl Pauw)  
12:41 PM - 1:01 PM

**Discussion**  
1:01 PM - 1:11 PM

**Session Closing (Channing Arndt)**  
1:11 PM - 1:15 PM
Thursday, June 9, 2022
All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

Times listed within each session are targets and may vary slightly based on how the session is running.

11:00 AM - 1:15 PM

**Organized Session #29 - Economic analyses for effective implementation of the African Continental Free Trade Area (AfCFTA) Agreement – showcasing the cooperation between ECA & GIZ**

Host: Angel Aguiar
Chair: Xaver Keller

**Session Introduction** (Xaver Keller)
11:00 AM - 11:05 AM

**Poverty and Inequality impact of the AfCFTA: Focus on a selected African Countries** (Souleymane Sadio Diallo)
11:05 AM - 11:25 AM

**Discussion**
11:25 AM - 11:35 AM

**Transition**
11:35 AM - 11:37 AM

**Impact of the implementation of the ZLECAF on foreign trade, growth and well-being in Morocco: A computable general equilibrium approach** (Hicham Attouch)
11:37 AM - 11:57 AM

**Discussion**
11:57 AM - 12:07 PM

**Transition**
12:07 PM - 12:09 PM

**Employment, Trade and Growth Impact of the AfCFTA in Togo** (Koffi Adantor Mihesso)
12:09 PM - 12:29 PM

**Discussion**
12:29 PM - 12:39 PM

**Transition**
12:39 PM - 12:41 PM

**Discussant** (Simon Mevel)
12:41 PM - 1:11 PM

**Session Closing** (Xaver Keller)
1:11 PM - 1:15 PM
11:00 AM – 12:43 PM

**Session #30 - Water and Irrigation**

**Host:** Ginger Batta  
**Chair:** Jing Liu

**Session Introduction** (Jing Liu)  
11:00 AM - 11:05 AM

*Enhancing total factor productivity in China’s crop production: Contributions to food and environmental security*  
(Ruiying Du)  
11:05 AM - 11:25 AM

**Discussion**  
11:25 AM - 11:35 AM

**Transition**  
11:35 AM - 11:37 AM

*Assessing the Impact of Conservation Policies on Rural Communities: The Role of Labor Markets* (Srabashi Ray)  
11:37 AM - 11:57 AM

**Discussion**  
11:57 AM - 12:07 PM

**Transition**  
12:07 PM - 12:09 PM

*Transboundary water challenges and potential collaboration in the Tigris-Euphrates river basin water management*  
(Alla Golub)  
12:09 PM - 12:29 PM

**Discussion**  
12:29 PM - 12:39 PM

**Session Closing** (Jing Liu)  
12:39 PM - 12:43 PM
Thursday, June 9, 2022
All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

*Times listed within each session are targets and may vary slightly based on how the session is running.*

11:00 AM - 12:43 PM

**Session #31 - Health**

**Host:** Zhan Wang  
**Chair:** Dileep Birur

**Session Introduction** (Dileep Birur)  
11:00 AM - 11:05 AM

Towards A Doughnut Economy; An Institutional Failure Perspective (Ghada El-Husseiny)  
11:05 AM - 11:25 AM

**Discussion**  
11:25 AM - 11:35 AM

**Transition**  
11:35 AM - 11:37 AM

Charting the Global Economic Recovery from COVID-19 Vaccinations (Trang Luong)  
11:37 AM - 11:57 AM

**Discussion**  
11:57 AM - 12:07 PM

**Transition**  
12:07 PM - 12:09 PM

International trade, dietary change, and TB control in India: Application of a fully-integrated macroeconomic-epidemiological model framework (Henning Tarp Jensen)  
12:09 PM - 12:29 PM

**Discussion**  
12:29 PM - 12:39 PM

**Session Closing** (Dileep Birur)  
12:39 PM - 12:43 PM
Session #32 - Supply Chains

Host: Erwin Corong
Chair: Dzmitry Kniahin

Session Introduction (Dzmitry Kniahin)
11:00 AM - 11:05 AM

Local Content Requirements: Economic Impacts on South Africa (Andre Barbe)
11:05 AM - 11:25 AM

Discussion
11:25 AM - 11:35 AM

Transition
11:35 AM - 11:37 AM

Economic Supply Chain Impacts of Expanding Electricity Access in Kenya (Candise Henry)
11:37 AM - 11:57 AM

Discussion
11:57 AM - 12:07 PM

Transition
12:07 PM - 12:09 PM

Sustaining agricultural growth through food processing development: A CGE analysis for Benin (Thierry Kinkpe)
12:09 PM - 12:29 PM

Discussion
12:29 PM - 12:39 PM

Transition
12:39 PM - 12:41 PM

Double Counting in Mystery: Journey of Intermediate Products in Multi-Country Trade (Onur Biyik)
12:41 PM - 1:01 PM

Discussion
1:01 PM - 1:11 PM

Session Closing (Dzmitry Kniahin)
1:11 PM - 1:15 PM
Thursday, June 9, 2022
All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

Times listed within each session are targets and may vary slightly based on how the session is running.

11:00 AM - 12:43 PM

**Session #33 - Climate Policy and Impacts**

**Host:** Uris Lantz Baldos  
**Chair:** Francesco Clora

**Session Introduction** (Francesco Clora)  
11:00 AM - 11:05 AM

**The MIT EPPA7: A Multisectoral Dynamic Model for Climate Policy Analysis** (Y.-H. Henry Chen)  
11:05 AM - 11:25 AM

**Discussion**  
11:25 AM - 11:35 AM

**Transition**  
11:35 AM - 11:37 AM

**Estimating Energy Substitution Parameters in GTAP-E** (Rohan O'Reilly)  
11:37 AM - 11:57 AM

**Discussion**  
11:57 AM - 12:07 PM

**Transition**  
12:07 PM - 12:09 PM

**The African Continental Free Trade Agreement (AfCFTA) and Climate Change** (Michael Johnson)  
12:09 PM - 12:29 PM

**Discussion**  
12:29 PM - 12:39 PM

**Session Closing** (Francesco Clora)  
12:39 PM - 12:43 PM
Friday, June 10, 2022
All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

Times listed within each session are targets and may vary slightly based on how the session is running.

6:00 AM - 8:15 AM

**Organized Session #34 - Applications and issues of applied dynamic CGE modelling**

Organizer: Paul Gretton  
Host: Ginger Batta  
Chair: Paul Gretton

- **Session Introduction** (Paul Gretton)
  6:00 AM - 6:05 AM

- **Projecting the long run impact of an economic reform: the case of the Indonesian Omnibus Law and concurrent changes in trade policy** (Krisna Gupta)
  6:05 AM - 6:25 AM

- **Discussion**
  6:25 AM - 6:35 AM

- **Transition**
  6:35 AM - 6:37 AM

- **How vulnerable is Europe to severe climate-related natural disasters abroad? A dynamic CGE analysis of the international financial and economic impacts of a large hurricane in the southern USA** (Onno Kuik)
  6:37 AM - 6:57 AM

- **Discussion**
  6:57 AM - 7:07 AM

- **Transition**
  7:07 AM - 7:09 AM

- **Demographic change, national saving and international capital flows** (Weifeng Larry Liu)
  7:09 AM - 7:29 AM

- **Discussion**
  7:29 AM - 7:39 AM

- **Transition**
  7:39 AM - 7:41 AM

- **Developing a DSGE Consumption Function for a CGE Model** (Peter Dixon)
  7:41 AM - 8:01 AM

- **Discussion**
  8:01 AM - 8:11 AM

- **Session Closing** (Paul Gretton)
  8:11 AM - 8:15 AM
Organized Session #35 - Different approaches to the EU-Mercosur agreement: recent estimations

Organizer: María C. Latorre
Host: Zeynep Akgul
Chair: Gabriela Ortiz Valverde

Session Introduction (Gabriela Ortiz Valverde)
6:00 AM - 6:05 AM

New EU-MERCOSUR Association Agreement: Quantitative Impact Assessment of the Liberalization through Tariff Rate Quotas (Antonia Ngavozafy)
6:05 AM - 6:25 AM

Discussion
6:25 AM - 6:35 AM

Transition
6:35 AM - 6:37 AM

A comprehensive short and long-run assessment on the impact of the EU-Mercosur agreement on Brazil (Carlos Javier Gonzalez Cabrera)
6:37 AM - 6:57 AM

Discussion
6:57 AM - 7:07 AM

Transition
7:07 AM - 7:09 AM

Implications of the EU-MERCOSUR Free Trade Agreement for Austria (Oliver Reiter)
7:09 AM - 7:29 AM

Discussion
7:29 AM - 7:39 AM

Session Closing (Gabriela Ortiz Valverde)
7:39 AM - 7:43 AM
6:00 AM - 8:15 AM

**Organized Session #36 - Climate change, mitigation policies and trade**

**Organizers:** Maksym Chepeliev, Maryla Maliszewska  
**Host:** Erwin Corong  
**Chair:** Bob Koopman

**Session Introduction** (Bob Koopman)  
6:00 AM - 6:05 AM

**The impact of decarbonization on trade patterns** (Jeanne Metivier)  
6:05 AM - 6:25 AM

**Discussion**  
6:25 AM - 6:35 AM

**Transition**  
6:35 AM - 6:37 AM

**Towards net-zero emissions: impacts on trade and income across and within countries** (Maryla Maliszewska)  
6:37 AM - 6:57 AM

**Discussion**  
6:57 AM - 7:07 AM

**Transition**  
7:07 AM - 7:09 AM

**Climate mitigation policy and restructuring of the global value chains** (Maria Filipa Seara Pereira)  
7:09 AM - 7:29 AM

**Discussion**  
7:29 AM - 7:39 AM

**Transition**  
7:39 AM - 7:41 AM

**Revisiting the environmental bias of trade policies based on an environmentally extended GTAP MRIO Data Base** (Maksym Chepeliev)  
7:41 AM - 8:01 AM

**Discussion**  
8:01 AM - 8:11 AM

**Session Closing** (Bob Koopman)  
8:11 AM - 8:15 AM
Friday, June 10, 2022

Times listed within each session are targets and may vary slightly based on how the session is running.

6:00 AM - 8:15 AM

**Session #37 - Bioenergy and Trade in the Environment**

**Host:** Zhan Wang  
**Chair:** Wolfgang Britz

**Session Introduction** (Wolfgang Britz)  
6:00 AM - 6:05 AM

*Biofuels induced land use change emissions: The role of implemented emissions factors in assessing terrestrial carbon fluxes* (Farzad Taheripour)  
6:05 AM - 6:25 AM

**Discussion**  
6:25 AM - 6:35 AM

**Transition**  
6:35 AM - 6:37 AM

*The impact of a fossil fuel consumption subsidy removal on biofuels and the agricultural market* (Robin Argueyrolles)  
6:37 AM - 6:57 AM

**Discussion**  
6:57 AM - 7:07 AM

**Transition**  
7:07 AM - 7:09 AM

*Economic and Environmental Impacts of Biofuels Policy in Nigeria – A Recursive Dynamic GTAP Model Approach (2007 - 2026)* (Emmanuel Omoniyi Falobi)  
7:09 AM - 7:29 AM

**Discussion**  
7:29 AM - 7:39 AM

**Transition**  
7:39 AM - 7:41 AM

*The Carbon Footprint of Global Trade Imbalances* (Hendrik Mahlkow)  
7:41 AM - 8:01 AM

**Discussion**  
8:01 AM - 8:11 AM

**Session Closing** (Wolfgang Britz)  
8:11 AM - 8:15 AM
6:00 AM – 7:43 AM

**Session #38 - African Continental Free Trade Area**

**Host:** Alfredo Cisneros-Pineda  
**Chair:** Antoine Bouët

**Session Introduction** (Antoine Bouët)  
6:00 AM - 6:05 AM

*A General Equilibrium Analysis of the Potential Effects of the African Continental Free Trade Area on the Malawi Economy* (Adwell Zembele)  
6:05 AM - 6:25 AM

**Discussion**  
6:25 AM - 6:35 AM

**Transition**  
6:35 AM - 6:37 AM

*Impact of the implementation of the African Continental Free Trade Area (AfCFTA) on the Algerian economy* (Samira Ouala)  
6:37 AM - 6:57 AM

**Discussion**  
6:57 AM - 7:07 AM

**Transition**  
7:07 AM - 7:09 AM

*What Trade-in-Value added databases tell us about Continental integration –and what it means for the AfCFTA* (Andrew Mold)  
7:09 AM - 7:29 AM

**Discussion**  
7:29 AM - 7:39 AM

**Session Closing** (Antoine Bouët)  
7:39 AM - 7:43 AM
6:00 AM - 8:15 AM

Session #39 - Economic Development, Growth, and Analysis of Poverty

Host: Debadrita (Rimi) Kundu
Chair: Emanuele Ferrari

Session Introduction (Emanuele Ferrari)
6:00 AM - 6:05 AM

Electric battery manufacturing: A game changer for the Democratic Republic of Congo (Christian Otchia)
6:05 AM - 6:25 AM

Discussion
6:25 AM - 6:35 AM

Transition
6:35 AM - 6:37 AM

Assessing The Socioeconomic impact of income inequality in Morocco Using a CGE Model (Radouane Raouf)
6:37 AM - 6:57 AM

Discussion
6:57 AM - 7:07 AM

Transition
7:07 AM - 7:09 AM

A CGE model to assess the effects of the AfCFTA in the economy of the least developed countries of Africa: the case of Chad (Abdelhamid Nassour)
7:09 AM - 7:29 AM

Discussion
7:29 AM - 7:39 AM

Transition
7:39 AM - 7:41 AM

Subnational projections of income and poverty for Ethiopia: A dynamic spatial microsimulation approach (Michiel van Dijk)
7:41 AM - 8:01 AM

Discussion
8:01 AM - 8:11 AM

Session Closing (Emanuele Ferrari)
8:11 AM - 8:15 AM
Friday, June 10, 2022
All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

Times listed within each session are targets and may vary slightly based on how the session is running.

6:00 AM - 8:15 AM

Session #40 - Advances in Quantitative Methods and Calibration and Parameter Estimation

Host: Angel Aguiar
Chair: Ole Boysen

**Session Introduction** (Ole Boysen)
6:00 AM - 6:05 AM

**Modeling Development Policies with Multiple Objectives** (Will Martin)
6:05 AM - 6:25 AM

Discussion
6:25 AM - 6:35 AM

**Transition**
6:35 AM - 6:37 AM

**The economic and social implications of the African pharmaceutical manufacturing agenda on trade and welfare in Africa** (Wafa Aidi)
6:37 AM - 6:57 AM

Discussion
6:57 AM - 7:07 AM

**Transition**
6:57 AM - 7:09 AM

**Empirical estimates of the elasticity of substitution of a KLEM production function without nesting constraints: The case of the Variable Output Elasticity-Cobb Douglas** (Paul Malliet)
7:09 AM - 7:29 AM

Discussion
7:29 AM - 7:39 AM

**Transition**
7:29 AM - 7:41 AM

**Marginal abatement costs for fulfilling the NDC pledges — A meta-analysis** (Sonja Peterson)
7:41 AM - 8:01 AM

Discussion
8:01 AM - 8:11 AM

**Session Closing** (Ole Boysen)
8:11 AM - 8:15 AM
8:30 AM - 10:45 AM

**Organized Session #41 - The 2nd Seminar on Bridging the Gap between CGE and NQTMs: Global Trade and Climate Change**

Organizers: Anton Yang, Konstantinos Arkolakis  
Host: Erwin Corong  
Chair: Sam Kortum

**Session Introduction** (Sam Kortum)
8:30 AM - 8:35 AM

The Economic Effects of Climate Change in Dynamic Spatial Equilibrium (Gary Lyn)  
8:35 AM - 8:55 AM

Discussion
8:55 AM - 9:05 AM

Transition
9:05 AM - 9:07 AM

Climate Change, The Food Problem, and the Challenge of Adaptation through Sectoral Reallocation (Ishan Nath)  
9:07 AM - 9:27 AM

Discussion
9:27 AM - 9:37 AM

Transition
9:37 AM - 9:39 AM

Can Trade Policy Mitigate Climate Change? (Farid Farrokhi)  
9:39 AM - 9:59 AM

Discussion
9:59 AM - 10:09 AM

Transition
10:09 AM - 10:11 AM

Discussant (Maksym Chepeliev)
10:11 AM - 10:41 AM

Session Closing (Sam Kortum)
10:41 AM - 10:45 AM
8:30 AM - 10:13 AM

Organized Session #42 - Trade and Climate Change

Organizers: Eddy Bekkers, Simon Mevel
Host: Dominique van der Mensbrugghe
Chair: Bob Koopman

**Session Introduction** (Bob Koopman)
8:30 AM - 8:35 AM

The impact of trade on GHG emissions: the role of trade and climate change policies (Enxhi Tresa)
8:35 AM - 8:55 AM

**Discussion**
8:55 AM - 9:05 AM

**Transition**
9:05 AM - 9:07 AM

Comparing different approaches to tackle the challenges of global carbon pricing (Eddy Bekkers)
9:07 AM - 9:27 AM

**Discussion**
9:27 AM - 9:37 AM

**Transition**
9:37 AM - 9:39 AM

Environmental Goods Trade Liberalization: A Quantitative Modelling Study of Trade and Emission Effects (Marc Bacchetta)
9:39 AM - 9:59 AM

**Discussion**
9:59 AM - 10:09 AM

**Session Closing** (Bob Koopman)
10:09 AM - 10:13 AM
Friday, June 10, 2022
All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

Times listed within each session are targets and may vary slightly based on how the session is running.

8:30 AM - 10:13 AM

Session #43 - Agricultural Policies

Host: Roman Keeney
Chair: Beatriz Velazquez

Session Introduction (Beatriz Velazquez)
8:30 AM - 8:35 AM

Exploring the impacts of shorter food supply chains on rural jobs in the EU – a model-based analysis (Beyhan De Jong)
8:35 AM - 8:55 AM

Discussion
8:55 AM - 9:05 AM

Transition
9:05 AM - 9:07 AM

Can policy achieve a Living Income for Cocoa Farmers in Côte d’Ivoire and Ghana? And its implications (Ole Boysen)
9:07 AM - 9:27 AM

Discussion
9:27 AM - 9:37 AM

Transition
9:37 AM - 9:39 AM

Impact of Tariff and Non-tariff measures removals on structural transformation and poverty in Senegal: the case of AfCFTA (Leysa Maty Sall)
9:39 AM - 9:59 AM

Discussion
9:59 AM - 10:09 AM

Session Closing (Beatriz Velazquez)
10:09 AM - 10:13 AM
8:30 AM - 10:45 AM

**Session #44 - Transportation and Infrastructure**

Host: Ginger Batta  
Chair: Christian Otchia

**Session Introduction** (Christian Otchia)  
8:30 AM - 8:35 AM

*Insights from Adding Transportation Sector Detail into an Economy-Wide Model: The Case of the ADAGE CGE Model* (Jared Woollacott)  
8:35 AM - 8:55 AM

**Discussion**  
8:55 AM - 9:05 AM

**Transition**  
9:05 AM - 9:07 AM

*Disaggregating air, land and maritime transport sectors in the GTAP database* (Ana Norman-Lopez)  
9:07 AM - 9:27 AM

**Discussion**  
9:27 AM - 9:37 AM

**Transition**  
9:37 AM - 9:39 AM

*Economywide Impacts of Expansion of Maritime Infrastructure in Senegal* (Amarendra Sahoo)  
9:39 AM - 9:59 AM

**Discussion**  
9:59 AM - 10:09 AM

**Transition**  
10:09 AM - 10:11 AM

*Modelling the impacts of a surge in shipping costs* (Emanuele Ferrari)  
10:11 AM - 10:31 AM

**Discussion**  
10:31 AM - 10:41 AM

**Session Closing** (Christian Otchia)  
10:41 AM - 10:45 AM
Friday, June 10, 2022
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8:30 AM - 10:45 AM

Session #45 - Environmental Policies

Host: Jing Liu
Chair: Jing Liu

Session Introduction (Jing Liu)
8:30 AM - 8:35 AM

Energy-economy implications of the Glasgow pledges: a global stocktake of COP26 (Rafael Garaffa)
8:35 AM - 8:55 AM

Discussion
8:55 AM - 9:05 AM

Transition
9:05 AM - 9:07 AM

United States Re-enters the 2015 Paris Climate Agreement: The Unexpected Twists and the Opportunity Costs? A CGE Approach (Geoffrey M. Kitetu)
9:07 AM - 9:27 AM

Discussion
9:27 AM - 9:37 AM

Transition
9:37 AM - 9:39 AM

The future of EU agriculture in a global context (Willem-Jan Van Zeist)
9:39 AM - 9:59 AM

Discussion
9:59 AM - 10:09 AM

Transition
10:09 AM - 10:11 AM

Policy scenarios for promoting the circularity of plastics (Eleonora Mavroeidi)
10:11 AM - 10:31 AM

Discussion
10:31 AM - 10:41 AM

Session Closing (Jing Liu)
10:41 AM - 10:45 AM
Friday, June 10, 2022

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8:30 AM - 10:45 AM

**Session #46 - Non-Tariff Barriers**

**Host:** Zeynep Akgul  
**Chair:** Janine Pelikan

**Session Introduction** (Janine Pelikan)  
8:30 AM - 8:35 AM

*How well have free trade agreements performed in reducing non-tariff barriers?* (Tereza Rusova)  
8:35 AM - 8:55 AM

**Discussion**  
8:55 AM - 9:05 AM

**Transition**  
9:05 AM - 9:07 AM

*Impact of UK – Japan Comprehensive Economic Partnership Agreement (CEPA): Options for UK and Japan*  
(Muhammad Omer Khan)  
9:07 AM - 9:27 AM

**Discussion**  
9:27 AM - 9:37 AM

**Transition**  
9:37 AM - 9:39 AM

*Can the Free Trade Agreements accelerate Nepal’s Path towards Economic Prosperity? An Econometric and CGE Model based Assessment* (Gita Bhushal Adhikary)  
9:39 AM - 9:59 AM

**Discussion**  
9:59 AM - 10:09 AM

**Transition**  
10:09 AM - 10:11 AM

*Estimating Protection in Services Sector: A PPML Analysis* (Bushra Faizi)  
10:11 AM - 10:31 AM

**Discussion**  
10:31 AM - 10:41 AM

**Session Closing** (Janine Pelikan)  
10:41 AM - 10:45 AM
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8:30 AM - 10:13 AM

**Session #47 - Climate and Environmental Policies**

**Host:** Uris Lantz Baldos  
**Chair:** Wafa Aidi

**Session Introduction** (Wafa Aidi)  
8:30 AM - 8:35 AM

**Economic Analysis of the Hard-to-Abate Sectors in India** (Sergey Paltsev)  
8:35 AM - 8:55 AM

**Discussion**  
8:55 AM - 9:05 AM

**Transition**  
9:05 AM - 9:07 AM

**The EUs gain (loss) from more emission trading flexibility—A CGE analysis with parallel emission trading systems** (Mohammad M. Khabbazan)  
9:07 AM - 9:27 AM

**Discussion**  
9:27 AM - 9:37 AM

**Transition**  
9:37 AM - 9:39 AM

**The economic consequences of air pollution policies in Arctic Council countries: a sectoral focus** (Daniel Ostale Valriberas)  
9:39 AM - 9:59 AM

**Discussion**  
9:59 AM - 10:09 AM

**Session Closing** (Wafa Aidi)  
10:09 AM - 10:13 AM
Friday, June 10, 2022
All times listed are in US Eastern Daylight Time (EDT, UTC/GMT-4h)

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11:00 AM - 12:45 PM

Plenary Session #2

Host: Dominique van der Mensbrugghe
Chair: Célestin Monga

Session Introduction (Célestin Monga)
11:00 AM - 11:05 AM

Investing in Africa (Sébastien C. Dessus)
11:05 AM - 11:30 AM

Discussion
11:30 AM - 11:45 AM

Transition
11:45 AM - 11:46 AM

Transforming Challenges into Opportunities – A Positive Agenda for the Modelling Community (Stephen Karingi)
11:46 AM - 12:11 PM

Discussion
12:11 PM - 12:26 PM

Session Closing (Célestin Monga)
12:26 PM - 12:30 PM

Conference Closing: Awards, 2023 Conference Preview, Closing Remarks (Dominique van der Mensbrugghe)
12:30 PM - 12:45 PM