



## Program\*

2024 Annual Workshop

The Sustainable Energy Transitions Initiative

\*Eastern Time USA

### Tuesday, June 18

#### 09:00 - 09:10 Introduction by the leaders of Efd and SETI

Gunnar Köhlin (Efd Director; University of Gothenburg)

Marc Jeuland (SETI Co-Leader; Duke University)

Marcela Jaime (SETI Co-Leader; Universidad de Concepción)

#### 09:10 - 10:45 Policy session

Advancing policy-relevant energy transitions research in Africa: Challenges and opportunities

**Moderators:** Marc Jeuland (Duke University) and Amin Karimu (University of Cape Town)

#### Panelists:

**June Nyakahuma** (Ministry of Finance, Planning and Economic Development, Uganda)

**Shisher Shrestha** (International Water Management Institute, Nepal)

**Eden Belehu** (Ministry of Industry, Ethiopia)

**Wizaso Munthali** (Copperbelt University, Zambia)

#### 10:45 - 10:50 Official picture

#### 10:50 - 11:00 Break

#### 11:00 - 13:00 Parallel research sessions

#### *Session A1* Economic incentives for a sustainable energy transition. Chair: Mauricio Oyarzo (Universidad de Concepción). *Discussants*

11:00 - 11:30 **Abraham Lartey (SOAS, University of London)**. Carbon Taxation and Consumer Prices: Is there a Greenflation in South Africa? Oluwasola Omoju

11:30 - 12:00 **Oluwasola Omoju (National Institute for Legislative and Democratic Studies of Nigeria)**. Being green and prudent? Economy-wide and environmental impacts of renewable energy production subsidy in Nigeria. Abraham Lartey

12:00 - 12:30 **Alejandra Schueftan (Universidad Austral de Chile)**. Multi-scale energy poverty: Spatial impact of suppressed energy demand drivers of households in Valdivia, Chile. Adolfo Uribe

12:30 - 13:00 **Adolfo Uribe (Laboratory for Energy Systems Analysis, Paul Scherrer Institute)**. Are there synergies and tradeoffs in sustainable heating from cleaner stoves and home insulation? Evidence from air pollution control policies in southern Chile. Alejandra Schueftan

<b>Session A2</b>	<b>Energy demand. Chair: Jevgenijs Steinbuks (World Bank).</b>	<b>Discussants</b>
11:00 - 11:30	<b>Shefali Khanna (Imperial College London).</b> Shifting Household Power Demand across Time: Incentives and Automation.	Justice Mensah
11:30 - 12:00	<b>Disha Gupta (Indira Gandhi Institute of Development Research).</b> Pricing Farm Electricity, Water Use and Efficiency: The Case of Paddy Cultivation in Punjab.	Shefali Khanna
12:00 - 12:30	<b>Justice Mensah (World Bank).</b> Agricultural Windfalls and Electrification.	Disha Gupta
<b>Session A3</b>	<b>Gendered and just energy transitions. Chair: Philip Kofi Adom (Ghana Institute of Management and Public Administration - GIMPA).</b>	<b>Discussants</b>
11:00 - 11:30	<b>Wizaso Munthali (Copperbelt University).</b> Investigating ICS sustained use/disadoption in energy poor neighborhoods of Lusaka: A Panel Data Analysis.	Rishab Jagetia
11:30 - 12:00	<b>Sydney Kabango Chishimba (Copperbelt University/ EPRU, University of Cape Town).</b> Understanding Gendered Decision Making on Household Energy Choice and Expenditure in Zambia.	Anandi Yadav
12:00 - 12:30	<b>Anandi Yadav (Indian Institute of Technology Bombay).</b> Association between Clean Cooking Adoption and Women Empowerment: Analysing the Social and Economic Dimensions through Time Use Survey in India.	Sydney Kabango Chishimba
12:30 - 13:00	<b>Rishab Jagetia (Duke University).</b> Achieving Just Transitions through Prior Consultation: Examining the Successes and Failures of Consulta Previa for Wind Energy Development in La Guajira, Colombia.	Wizaso Munthali

### **Wednesday, June 19**

09:00 - 09:10	<b>Wrap up from day 1, and how to engage with SETI</b> Mauricio Oyarzo (Deputy Director of NENRE EfD-Chile; Universidad de Concepción) Cristóbal Vásquez-Quezada (Project Coordinator of The Sustainable Energy Transitions Initiative and NENRE EfD-Chile; Universidad del Bío-Bío)
09:10 - 10:45	<b>Flash-talks session (10 minutes maximum for each presenter, Q&amp;A in the chat of Zoom).</b> <b>Chair: Marcela Jaime (Universidad de Concepción).</b>
09:10 - 09:20	<b>Chen Zhao (Renmin University of China).</b> Climate change, electricity consumption, and households in impoverished areas in China.
09:20 - 09:30	<b>Tianhua Zou (Renmin University of China).</b> Cooling Inequality on a Hotter Planet.
09:30 - 09:40	<b>Nassibou Bassongui (University of Abomey-Calavi).</b> Poverty implications of removing electricity subsidy in Benin.
09:40 - 09:50	<b>Ferran Vega-Carol (Duke University).</b> Electrifying empowerment: Women role models and solar electrification in rural Myanmar.
09:50 - 10:00	<b>Eric Atsu Avorkpo (University of Cape Coast).</b> Understanding the Role of Climate Vulnerability in Global Energy Transition: Evidence from a Panel of 150 Countries.
10:00 - 10:10	<b>Celina Proffen (University of Frankfurt).</b> Does Electrification Matter for Child Development? Evidence from Ethiopia.
10:10 - 10:20	<b>Brigitte Castañeda (Universidad de Los Andes).</b> Climate Policy and Structural Change: Evidence from Energy Transitions in Latin America.

10:20 - 10:30	<b>Break</b>	
10:30 - 13:00	<b>Parallel research sessions</b>	
<b>Session B1</b>	<b>Access to clean energy fuels. Chair: Carlos Chávez (Universidad de Talca)</b>	<b>Discussants</b>
10:30 - 11:00	<b>Emily Pakhtigian (Penn State University).</b> Early life exposure to clean cooking transitions: Impacts on health and cognition.	Samarul Islam
11:00 - 11:30	<b>Bishal Bharadwaj (Curtin University).</b> Dung cake as household fuel: A review.	Matt Shupler
11:30 - 12:00	<b>Julia Tatham (University of Cape Town).</b> The impact of solid cooking fuels on the health of rural South African households.	Emily Pakhtigian
12:00 - 12:30	<b>Samarul Islam (University of Manchester).</b> Fine particulate matter (PM2.5) female and male exposures from household air pollution and cardiovascular disease incidence across seven countries in the PURE study.	Julia Tatham
12:30 - 13:00	<b>Matt Shupler (University of Liverpool/Harvard University).</b> Socioeconomic position and partaking in household air pollution monitoring are associated with cookstove usage in three peri-urban communities in sub-Saharan Africa.	Bishal Bharadwaj
<b>Session B2</b>	<b>Sustainable energy transitions in Africa. Chair: César Salazar (Universidad del Bío-Bío)</b>	<b>Discussants</b>
10:30 - 11:00	<b>Marta Talevi (University College Dublin).</b> Stakeholders' Perception of the Solar PV and Clean Cookstove Technology Diffusion Systems: Four Case Studies in Sub-Saharan Africa.	Fitsum Hagos
11:00 - 11:30	<b>Stephanie Acheampong (Kwame Nkrumah University of Science and Technology).</b> Ecological Footprints of Natural resources extraction in African countries.	César Salazar
11:30 - 12:00	<b>Anna Mahmood (International Growth Centre).</b> Concessions: A case study of Nuru's experience in the Democratic Republic of Congo.	Thomas Thivillon
12:00 - 12:30	<b>Fitsum Hagos (International Water Management Institute).</b> Scaling Solar Irrigation in Ethiopia & Kenya: Barriers and Opportunities.	Marta Talevi
12:30 - 13:00	<b>Thomas Thivillon (University of Bordeaux).</b> Credit, Subsidies, and Cleaner Fuel Adoption: Experimental Evidence from Burkina Faso.	Stephanie Acheampong
<b>Session B3</b>	<b>Green energy policies in the Global South. Chair: Maximiliane Sievert (RWI – Leibniz-Institut für Wirtschaftsforschung).</b>	<b>Discussants</b>
10:30 - 11:00	<b>Lam Do (Fulbright University Vietnam).</b> Residential Electricity Efficiency and Implications for Vietnam's Clean Energy Transition.	Laura Villalobos
11:00 - 11:30	<b>Bright Akwasi Gyamfi (Sir Padampat Singhanian University).</b> Towards clean cooking fuel transition in BRICS and MINT economies: The relevance of Energy Financialization.	Lam Do
11:30 - 12:00	<b>Laura Villalobos (Salisbury University).</b> Impacts of Rural Electrification on Household Welfare in the Brazilian Amazon.	Bright Akwasi Gyamfi
12:00 - 12:30	<b>Philip Kofi Adom (University of Witwatersrand).</b> Is being more aggressive rewarding? Case of environmental tax and income nexus in developing countries.	Luis A. Fernandez Intriago
12:30 - 13:00	<b>Luis A. Fernandez Intriago (Environmental Defense Fund).</b> A Global and Inclusive Just Labor Transition: Challenges and Opportunities in Developing and Developed Countries.	Philip Kofi Adom