



47TH IAEE INTERNATIONAL CONFERENCE
BRIDGING CONTINENTS,
FUELING PROGRESS:
ENERGY DEVELOPMENT
IN A GLOBAL CONTEXT
SANTIAGO - CHILE

PROGRAM SCHEDULE

JUL 19, 2026 - JUL 23, 2026



PONTIFICIA
UNIVERSIDAD
CATÓLICA
DE CHILE

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energía y recursos

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**CENTRO DE EXTENSIÓN
PONTIFICIA UNIVERSIDAD
CATÓLICA DE CHILE**

(IAEE 2026 – JULY 19-23, 2026,
SANTIAGO, CHILE)

WELCOME

Welcome to Santiago and to the 47th IAEE International Conference.

When we began preparing for this conference, our purpose was to create a meeting place where rigorous research, practical experience, and policy dialogue could come together across regions. At a time when energy systems are being reshaped by geopolitical fragmentation, technological change, investment constraints, and growing demands for security, affordability, and sustainability, this exchange is more necessary than ever.

The program reflects that ambition. It brings together policymakers, business leaders, academics, professionals, and representatives of international organizations to examine the forces transforming energy markets and infrastructure—from electricity-system flexibility and market design to critical minerals, oil and gas, energy finance, energy access, mobility, regional integration, and the wider geopolitical context. Alongside the plenary and special sessions, the concurrent program gives a central place to new research and to the next generation of energy economists.

This conference is also about strengthening the global IAEE community: reconnecting colleagues, welcoming new voices, and building relationships that will continue well beyond these days in Chile. I am deeply grateful to the speakers, authors, session chairs, reviewers, sponsors, institutional partners, IAEE leadership and staff, and the many colleagues and volunteers whose commitment made this gathering possible.

I hope the discussions ahead will be rigorous, open, and constructive, and that Santiago will provide a valuable setting from which to consider the future of energy development in a global context.

Welcome to Chile.



Ricardo Raineri
Conference Chair

PROGRAM SCHEDULE

Day 1: Sunday, July 19th

08:30 - 19:00	Registration*
09:00 - 16:00	IAEE Council Meeting (by invitation only; Room 203 - Centro de Extensión Pontificia Universidad Católica de Chile)
09:00 - 14:30	Graduate Students and Young Scholars Day (Graduate students and researchers registered for the activity; Room 202 - Centro de Extensión Pontificia Universidad Católica de Chile)
17:30 - 19:00	Welcome Reception (Hall Juan de Dios Vial Correa - Centro de Extensión Pontificia Universidad Católica de Chile)
18:30 - 22:00	Council Dinner (by invitation only)

Day 2: Monday, July 20th

08:00 - 19:00	Registration*
08:15 - 09:00	Opening Ceremony
09:00 - 10:30	Opening Plenary Session
10:30 - 11:00	Coffee Break
11:00 - 12:30	Concurrent Sessions
12:30 - 14:00	Lunch & Poster Session
14:00 - 15:30	Dual Plenary Sessions
15:30 - 16:00	Coffee Break
16:00 - 17:30	Concurrent Sessions
19:00 - 22:30	Gala Dinner

Day 3: Tuesday, July 21st

08:00 - 19:00	Registration*
09:00 - 10:30	Concurrent Sessions
10:30 - 11:00	Coffee Break
11:00 - 12:30	Dual Plenary Sessions
12:30 - 14:00	Lunch & Poster Session
14:00 - 15:30	Dual Plenary Sessions
15:30 - 16:00	Coffee Break
16:00 - 17:30	Concurrent Sessions

Day 4: Wednesday, July 22nd

08:00 - 17:30	Registration*
09:00 - 10:30	Concurrent Sessions
10:30 - 11:00	Coffee Break
11:00 - 12:30	Dual Plenary Sessions
12:30 - 14:00	Lunch & Poster Session
	ALADEE Conference Planning Meeting (by invitation only; Room 203 - Centro de Extensión Pontificia Universidad Católica de Chile)
14:00 - 15:30	Concurrent Sessions
15:30 - 16:00	Coffee Break
16:00 - 17:30	Closing Plenary Session
17:30 - 18:30	Closing Ceremony

Day 5: Thursday, July 23rd (Optional)

Technical Visit:	GNL Quintero LNG Terminal & Colbún National System Operations Center
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** Hall Juan de Dios Vial Correa - Centro de Extensión Pontificia
Universidad Católica de Chile.*

Plenary Sessions

- Opening Plenary “**High Level Dialogue – Global Energy Security in a Fragmented World**”
- **Gala Dinner Keynote “Leadership in Global Energy Systems:** Navigating Market, Policy, and Technology Change”
- **Closing Plenary “Economics and Geopolitics of Energy:** Latin America and the Caribbean in a Changing World”

Dual Plenary Sessions

- **DPS1:** Economics of System Flexibility and Infrastructure Resilience: Storage, Grids, and Security
- **DPS2:** The Future of Oil, Gas, and Diversification Strategies
- **DPS3:** Electricity Market Design: Decentralization, Flexibility, and Regulation
- **DPS4:** Critical Minerals, Supply Chains, and the Geo-Economics of Energy Transition
- **DPS5:** Energy Finance: Investment Risk, Infrastructure, and the Transition of Energy-Intensive Industries
- **DPS6:** Enabling Infrastructure for Economic Development, Energy Security, and Resilience
- **DPS7:** Energy Access, Energy Efficiency, Poverty Mitigation, and Regional Integration in Latin America
- **DPS8:** Transport Systems Transformation: Economics, Energy Choices, and Sustainable Mobility

Special Concurrent Sessions and Concurrent Sessions

6 Special Concurrent Sessions (SPC) and 40 (CS) spread over in 6 time slots, during the morning and evening from Monday to Wednesday.

Sessions Overview

Opening Ceremony

MONDAY, JULY 20, 8:15 – 9:00.

SALÓN CARDENAL JUAN FRANCISCO FRESNO, CENTRO EXTENSIÓN DE LA UNIVERSIDAD CATÓLICA.

Opening Plenary “High Level Dialogue: Global Energy Security in a Fragmented World”.

MONDAY, JULY 20, 9:00 – 10:30.

SALÓN CARDENAL JUAN FRANCISCO FRESNO, CENTRO EXTENSIÓN DE LA UNIVERSIDAD CATÓLICA.

- **Ricardo Raineri Bernain** Past President, IAEE, Pontificia Universidad Católica de Chile, Chile
- **H.E. Paulo Roberto Soares Pacheco**, Ambassador of Brazil to Chile
- **H.E. Kenkō Sone**, Ambassador of Japan to Chile
- **H.E. David Concar**, Ambassador of the United Kingdom to Chile
- **H.E. Brandon Judd**, Ambassador of the United States to Chile

Gala Dinner Keynote “Reflections from Four Decades with IAEE: Energy Markets, Friends, and the Future”

MONDAY, JULY 20, 19:00 – 22:30.

HOTEL INTERCONTINENTAL SANTIAGO.

Drawing on more than four decades in energy economics and the IAEE community, Carol Dahl will offer a personal and insightful reflection on the evolution of energy markets, the people, ideas, and professional relationships that have shaped the field, and what lies ahead for the next generation of energy economists.

- **Carol Dahl** Professor Emerita, Mineral and Energy Economics · Colorado School of Mines · United States

Closing Plenary “Economics and Geopolitics of Energy: Latin America and the Caribbean in a Changing World”.

WEDNESDAY, JULY 22, 16:00 – 17:30.

SALÓN CARDENAL JUAN FRANCISCO FRESNO, CENTRO EXTENSIÓN DE
LA UNIVERSIDAD CATÓLICA (UC).

Co-organized with OLACDE

- H.E. Ximena Rincón, Minister of Energy of Chile
- Andrés Rebolledo (Moderator), Executive Secretary, Latin American and Caribbean Energy Organization (OLACDE)
- Ms. Diana Lizzette Solís Paz, Undersecretary of Renewable Energy and Electricity, Honduras
- Mr. Ricardo Bienvenido Guerrero Encarnación, Vice Minister of Energy, Dominican Republic
- Mr. Mauricio Bejarano, Vice Minister of Mines and Energy; Director, Directorate of Alternative Energies, Paraguay

Closing Ceremony

Wednesday, July 22, 17:30 – 18:30.

SALÓN CARDENAL JUAN FRANCISCO FRESNO, CENTRO EXTENSIÓN DE
LA UNIVERSIDAD CATÓLICA.

Dual Plenary Sessions

DPS1: Economics of System Flexibility and Infrastructure Resilience: Storage, Grids, and Security.

MONDAY, JULY 20, 14:00–15:30.

SALÓN CARDENAL JUAN FRANCISCO FRESNO, CENTRO EXTENSIÓN DE LA UNIVERSIDAD CATÓLICA (UC).

- Prof. Aaron Praktiknjo (Session Chair) Professor and Director, E.ON Energy Research Center, RWTH Aachen University · Germany
- Prof. Dr. Claire Marie Bergaentzlé Associate Professor, Technical University of Denmark (DTU) · Denmark
- Julia Frayer Managing Director, London Economics International LLC · United States
- Dr. Rahmat Poudineh Senior Research Fellow, Oxford Institute for Energy Studies · United Kingdom
- Javier Dib Chief Executive Officer (CEO), AES Andes · Chile

DPS2: The Future of Oil, Gas, and Diversification Strategies.

MONDAY, JULY 20, 14:00–15:30.

AULA MAGNA MANUEL JOSÉ IRARRÁZVAL, CASA CENTRAL, UNIVERSIDAD CATÓLICA (UC).

- Yukari Yamashita (Session Chair) Research Advisor (former Managing Director), Institute of Energy Economics, Japan (IEEJ) · Japan
- Sylvie D'Apote Director for Natural Gas, Brazilian Oil and Gas Institute (IBP) · Brazil
- Mustafa Adel Amer Energy Technology Analyst, Gas Exporting Countries Forum (GECF) Secretariat · Qatar
- Carol Dahl Professor Emerita, Mineral and Energy Economics, Colorado School of Mines · United States

DPS3: Electricity Market Design: Decentralization, Flexibility, and Regulation.

TUESDAY, JULY 21, 11:00–12:30.

SALÓN CARDENAL JUAN FRANCISCO FRESNO, CENTRO EXTENSIÓN DE LA
UNIVERSIDAD CATÓLICA (UC).

- Christophe Bonnery (Session Chair) Economist and Energy Policy Expert, Paris School of Economics (PSE) · France
- Prof. Chiara Lo Prete Associate Professor of Energy Economics, Pennsylvania State University · United States
- Dr. Fulvio Fontini Full Professor of Applied Economics, University of Salento · Italy
- Juan Manuel Contreras Chief Executive Officer (CEO), CT Energía; Former Executive Director, National Energy Commission of Chile · Chile
- José Ignacio Escobar Chief Executive Officer (CEO), Colbún S.A. · Chile

DPS4: Critical Minerals, Supply Chains, and the Geo-Economics of Energy Transition.

TUESDAY, JULY 21, 11:00–12:30.

AULA MAGNA MANUEL JOSÉ IRARRÁZVAL, CASA CENTRAL, UNIVERSIDAD
CATÓLICA (UC).

- Prof. Roderick G. Eggert (Session Chair) Professor of Economics and Business; Deputy Director, Critical Materials Innovation Hub, Colorado School of Mines · United States
- Prof. Deyi Xu Professor, China University of Geosciences (Wuhan) · China
- Muhammad Akimaya Department Head of Corporate Planning, MIND ID (Mining Industry Indonesia) · Indonesia
- Gustavo Lagos Cruz-Coke Professor of Mining and Economics, Pontificia Universidad Católica de Chile · Chile
- Álvaro González Gorroño Undersecretary of Mining, Government of Chile · Chile

DPS5: Energy Finance: Investment Risk, Infrastructure, and the Transition of Energy-Intensive Industries.**TUESDAY, JULY 21, 14:00–15:30.**

SALÓN CARDENAL JUAN FRANCISCO FRESNO, CENTRO EXTENSIÓN DE LA
UNIVERSIDAD CATÓLICA (UC).

- Edmar Luiz Fagundes de Almeida (Session Chair) Professor and Energy Economist, Institute for Energy Studies (IEPUC), PUC-Rio · Brazil
- Gregory B. Upton Executive Director, Energy Institute; Associate Professor–Research, Louisiana State University (LSU) · United States
- Jean-Michel Glachant Part-time Professor; Former Director, Florence School of Regulation, European University Institute (EUI) · Italy
- Tomás Reyes Director, Department of Industrial and Systems Engineering, Pontificia Universidad Católica de Chile · Chile
- Mauricio Riveros Rodríguez Energy Sector Leader, Investment Promotion Division, InvestChile · Chile

DPS6: Enabling Infrastructure for Economic Development, Energy Security, and Resilience.**TUESDAY JULY 21, 14:00–15:30.**

AULA MAGNA MANUEL JOSÉ IRARRÁZVAL, CASA CENTRAL, UNIVERSIDAD
CATÓLICA (UC).

- Ying Fan (Session Chair) Professor, Beihang University · China
- John Higgins Chief Executive Officer (CEO), Resilient Structures LLC · Canada / United States
- Jimena Latorre Minister of Energy and Environment, Government of Mendoza · Argentina
- Richard Green Professor of Sustainable Energy Business, Imperial College London · United Kingdom
- Pilar Acevedo Managing Director, Power Networks, ENGIE Chile S.A. · Chile

DPS7: Energy Access, Energy Efficiency, and Regional Integration: Lessons from the Global South.

WEDNESDAY, JULY 22, 11:00–12:30.

SALÓN CARDENAL JUAN FRANCISCO FRESNO, CENTRO EXTENSIÓN DE LA
UNIVERSIDAD CATÓLICA (UC).

- Gerardo Rabinovich (Session Chair) Vice President, Instituto Argentino de Energía General Mosconi · Argentina
- Cristian Cárdenas-Lailhacar Associate Professor, University of Florida · United States
- Govinda Timilsina Senior Economist, Development Research Group, World Bank · Global
- Isaac Dyner Professor, Universidad Jorge Tadeo Lozano · Colombia

DPS8: Transport Systems Transformation: Economics, Energy Choices, and Sustainable Mobility.

WEDNESDAY, JULY 22, 11:00–12:30.

AULA MAGNA MANUEL JOSÉ IRARRÁZVAL, CASA CENTRAL, UNIVERSIDAD CATÓLICA (UC).

- Carlo Di Primio (Session Chair) Past President, Italian Association of Energy Economists (AIEE) · Italy
- Huibin Du Professor, Tianjin University · China
- Heloisa Borges Esteves Director of Oil, Gas and Biofuels Studies, Empresa de Pesquisa Energética (EPE) · Brazil
- Livingstone Senyonga Lecturer and Researcher in Energy and Transport Economics, Makerere University Business School · Uganda
- Patricia Galilea Assistant Professor, Dept. of Transport Engineering and Logistics, Pontificia Universidad Católica de Chile; Member, Panel of Experts, Ministry of Transport and Telecommunications · Chile

YPSD: Young Professional and Student

DAY, SUNDAY, JULY 19, 9:00-15:30.

The Young Professional and Student Day is a dedicated program designed to support graduate students, early-career professionals, and emerging researchers attending the 47th IAEE International Conference. Organized in collaboration with KAPSARC, the day brings together the next generation of energy economics practitioners for a focused program of mentorship, skill-building, and professional development. Through a combination of moderated panels, interactive teaching modules, and structured networking, participants engage with experienced academics, researchers, and industry professionals on themes central to building a successful career in energy economics: developing a rigorous research and professional portfolio, mastering scientific writing and publication, extending research impact into policy through effective policy briefs, and establishing a lasting global network of peers. The program reflects the conference's commitment to inclusive dialogue across career stages and to ensuring that fresh perspectives and emerging talent continue to shape the global energy conversation.

Speakers

- Mehmet Emre Hatipoğlu, King Abdullah Petroleum Studies and Research Center (KAPSARC)
- Virginia Parente, Professor, Institute of Energy and Environment (IEE), University of São Paulo (USP)
- Roula Inglesi-Lotz, Professor of Economics and Chair in Just Energy Transition, University of Pretoria; Editor of Energy Policy, associate editor of Energy Economics, and a member of the Editorial Board of the Energy Journal and the Economics of Energy and Environmental Policy (EEEP) journals
- Santiago Mingo, Pontificia Universidad Católica de Chile
- Patricia Galilea, Pontificia Universidad Católica de Chile
- Enzo E. Sauma, Pontificia Universidad Católica de Chile; Editorial Board Member, The Energy Journal
- Cristian Cárdenas-Lailhacar, Associate Professor, University of Florida
- Govinda Timilsina, Senior Economist, Development Research Group, World Bank
- Ricardo Raineri, Professor, Pontificia Universidad Católica de Chile; Former Minister of Energy of Chile; Past President, International Association for Energy Economics (IAEE)

Program

TIME	ACTIVITY
09:00 – 09:15	Registration, Tea & Networking
09:15 – 10:30	Session 1: Starting a Research Career on the Right Footing: Academic, Policy, and Private Sector Perspectives
10:30 – 10:45	Coffee Break
10:45 – 12:00	Session 2: From Research Questions to Publishable Papers: Research Design and Publication Strategy
12:00 – 13:00	Networking Lunch
13:00 – 14:30	Session 3: Building a Career with Impact: Research, Policy, Business, and Global Leadership

Session 1: Starting a Research Career on the Right Footing: Academic, Policy, and Private Sector Perspectives

Format: Moderated panel discussion with audience interaction

TIME: 09:15 – 10:30

Speakers

- Mehmet Emre Hatipoğlu, King Abdullah Petroleum Studies and Research Center (KAPSARC, Moderator)
- Santiago Mingo, Pontificia Universidad Católica de Chile
- Patricia Galilea, Pontificia Universidad Católica de Chile

Session 2: From Research Questions to Publishable Papers: Research Design and Publication Strategy

Format: Interactive discussion and mentoring session

TIME: 10:45 – 12:00

Speakers

- Mehmet Emre Hatipoğlu, King Abdullah Petroleum Studies and Research Center (KAPSARC)
- Virginia Parente, Professor, Institute of Energy and Environment (IEE), University of São Paulo (USP)

- Roula Inglesi-Lotz, Professor of Economics and DSTI/NRF SARCHI Chair in Just Energy Transition, University of Pretoria; Editor of Energy Policy, associate editor of Energy Economics, and a member of the Editorial Board of the Energy Journal and the Economics of Energy and Environmental Policy (EEEEP) journals
- Enzo E. Sauma, Pontificia Universidad Católica de Chile; Editorial Board Member, The Energy Journal

Session 3: Building a Career with Impact: Research, Policy, Business, and Global Leadership

Format: Moderated panel discussion with audience interaction

TIME: 13:00 – 14:30

Speakers

- Mehmet Emre Hatipoğlu, King Abdullah Petroleum Studies and Research Center (KAPSARC, Moderator)
- Cristian Cárdenas-Lailhacar, Associate Professor, University of Florida
- Govinda Timilsina, Senior Economist, Development Research Group · World Bank
- Ricardo Raineri, Professor, Pontificia Universidad Católica de Chile; Former Minister of Energy of Chile; Past President, IAEE

Poster Session

Monday, July 20, 12:30 – 14:00, Tuesday, July 21, 12:30-14:00

**HALL JUAN DE DIOS VIAL CORREA - CENTRO DE EXTENSIÓN PONTIFICIA
UNIVERSIDAD CATÓLICA DE CHILE.**

Speakers

- **Ami Tokunaga** / Welfare Loss from Flat-Rate Electricity Pricing: Evidence from Japan's Wholesale Market
- **Ananya Gupta** / Investor Response to Green Mergers and Acquisitions: Evidence from Environmentally Innovative Firms in India
- **Clarisse Dupont** / Tariff Mechanism for Fast Charging Stations
- **Emon Chatterji** / Cost of Meeting the Next Peak GW: Modeling Methodology and Case Studies for China, India and Australia

- **Emon Chatterji** / Integrating Residential Energy Ratings with Network Economics: A Whole-of-Home Approach
- **Guilherme Berejuk** / Curtailment, Market Design and Regulatory Credibility under Renewable Integration: Lessons from the Brazilian Experience in the New Millennium
- **Jiyeong Pyo** / Energy Transition in High Interest Rates: The Total Cost of Ownership and Policy Simulation of Boda-Boda in Kenya
- **Joseph Mpeera Ntayi** / Electricity Expansion, Energy Transition, and Fossil Asset Stranding in Emerging Economies: A Systematic Review and Integrative Framework
- **Pilar Parada-Mayorga** / Value of Flexibility in Power Systems: Conceptual Frameworks and Real Options Analysis
- **Sharon Nuwasiima** / Leadership and Capacity Needs for a Sustainable Energy Transition Agenda
- **Syrine Gabsi** / Gender, Energy Poverty, and the Just Transition: A Value Chain Analysis of Women Entrepreneurs in Senegal
- **Xilong Yan** / International Trade, Technology Diffusion, and Implications for Global Climate Policies
- **Yaru Li** / Multi-sector Shared CCUS Network Considering Existing Pipeline Repurposing
- **Adam Suski** / Credit Risk and Settlement Frequency in Electricity Markets Hedging Contracts: The Case of Long-Duration Energy Storage

Special Concurrent Sessions and Concurrent Sessions at a Glance / Monday 20, Module: 11:00 – 12:30

SCS1 Monday 20, Module: 11:00 – 12:30

ROOM: SALÓN FRESNO

Session: Structuring Electricity Transition: Learning from Experiences Across the Atlantic and Beyond

Moderator: Isaac Dyner Rezonzew

Paper ID	Participant	Title
IAEE2026568	Isaac Dyner Edmar De Almeida Richard Green Fulvio Fontini	Structuring Electricity Transition: Learning from Experiences Across the Atlantic and Beyond

CS1 Monday 20, Module: 11:00–12:30

ROOM: AUDITORIUM 201

Session: Social Dimensions of Energy Transition

Moderator: Luciano Losekann

Paper ID	Participant	Title
IAEE2026568	Jan Gniza	Attitudes towards the Energy Transition: The Goal–Implementation Acceptance Gap
IAEE2026343	Luciano Losekann	Energy Poverty Indicators: A Bibliometric Analysis of Disparities and Trends
IAEE2026400	Claudio Lucinda	Shedding Light: Impacts of the Social Electricity Tariff Program
IAEE2026423	Rita Lopes	Beyond Decarbonization: Participatory Pathways for just Energy Transitions in Rural Europe
IAEE2026431	João Pedro Gouveia	Tackling Energy Poverty in the EU: Evidence, Tools, and Local Action

CS2 Monday 20, Module: 11:00–12:30

ROOM E202

Session: Carbon Markets and Climate Finance

Moderator: Fehmi Gökem Üçtuğ

Paper ID	Participant	Title
IAEE2026118	Fehmi Gökem Üçtuğ	Carbon price Thresholds in Türkiye's Emissions Trading System: Enabling CCS and Hydrogen-Based Abatement in Cement, Iron–Steel, and Aluminium Sectors
IAEE2026120	Tarun Sharma	Modelling an Intensity Based Carbon Market: Case Study of Indian Carbon Market
IAEE2026143	Zhou Yao	Physics-Informed Neural Networks for Carbon Options: Multi-period Pricing with Binary Terminal Collapse and Abatement Triggers
IAEE2026499	Ayako Takao	Are Forest-Based Carbon Credits Traded Between States a Just Institutional Concept? – A Comparison of Rawls' Theory of Justice and Nozick's Libertarian Approach on REDD+ –

CS3 Monday 20, Module: 11:00–12:30

ROOM: E203

Session: Innovation, R&D and Technology Policy for the Transition

Moderator: Soohyeon Kim

Paper ID	Participant	Title
IAEE2026526	William Adrian Clavijo Vitto	Mandatory RD&I Obligations as an Innovation Policy Instrument: Evidence from Brazil's Oil and Gas Sector
IAEE2026253	Young Kyu Hwang	AI-driven low carbon energy transition: Evidence from the OECD countries
IAEE2026566	Ghassan Alshehry	Material Discovery Through Closed-Loop Machine Learning to Accelerate Energy Transition
IAEE2026473	Kun Queena Qian	Cognitive Differences and the Design of Energy Efficiency Subsidies: Evidence from Residential Retrofit Decisions in the Netherlands
IAEE2026253	Young Kyu Hwang	AI-driven low carbon energy transition: Evidence from the OECD countries

CS4 Monday 20, Module: 11:00–12:30

ROOM E207

Session: AI, Finance and Investment in Energy Transition

Moderator: Carol Dahl

Paper ID	Participant	Title
IAEE2026154	Liyong Xu	Integrated Techno-Financial Modeling of Hydrogen Storage Investments in Depleted Gas Reservoirs
IAEE2026321	Esther Nerima	The role of Financial Development and Private Credit in increasing Access to Clean Energy in Uganda
IAEE202643	Rolando Fuentes	A Scalable AI-Powered Approach for Decoding Clean Tech Venture Capital Strategies and Startup Selection
IAEE2026260	Zheng Hou	Measuring Final-to-Useful Exergy Efficiency in Large Language Model Inference
IAEE2026307	Carol Dahl	Data-driven and AI Research on Energy Transition Risks and Energy Security: A Review from 1970s to 2020s

CS5 Monday 20, Module: 11:00–12:30**ROOM E208**

Session: Energy Economics and Modeling

Moderator: Heloisa Borges Bastos Esteves

Paper ID	Participant	Title
IAEE2026161	Hui Shen	Evaluating a whole energy system model using hindcasting: Insights from 31 European countries
IAEE2026208	Brigitte Castañeda	Climate Policy and Structural Change: Evidence from Latin America
IAEE2026518	Heloisa Borges Bastos Esteves	Integrated Energy System Modeling for Long-Term Transition Pathways: Insights from Brazil's National Energy Plan 2055
IAEE2026168	Xin Wen	Empirical evidence for slack in Modeling to Generate Alternatives
IAEE2026304	Wilson McNeil	Economic and Grid Impacts of U.S. Data Center Electricity Demand Growth

CS6 Monday 20, Module: 11:00–12:30**ROOM E209**

Session: Energy Market Design

Moderator: Diogo Lisbona Romeiro

Paper ID	Participant	Title
IAEE2026164	John Joe Padua	Understanding internal congestion in Germany: A comparative study of zonal and nodal pricing with TYNDP reinforcements.
IAEE2026420	Guilherme Berejuk	Curtailment, Market Design and Regulatory Credibility under Renewable Integration: Lessons from the Brazilian Experience in the New Millennium
IAEE202669	Fernando Montero	Market dynamics and regional integration in south American natural gas markets: the Brazilian case of transportation tariff multiplier
IAEE2026301	Daiana Gisele Soto Fernandez	Tariff Rebalancing in the Energy Transition: How Higher Fixed Charges Reshape Residential Demand
IAEE2026444	Diogo Lisbona Romeiro	Power and Gas Integration in Brazil: how to remunerate capacity and network assets

Monday 20, Module: 16:00 – 17:30

SCS2 Monday 20, Module: 16:00–17:30

ROOM: SALÓN FRESNO

Session: Supply and industry chain of critical minerals for low-carbon and clean energy development (1)

Moderator: Huajiao Li

Paper ID	Participant	Title
IAEE2026545	Wenxiao Zhou	Combating Biodiversity Degradation: Decoding Cross-Market Interlinkages: Evidence from China Biodiversity-Energy-Commodity Framework
IAEE2026180	Zhewei Yu	Homogeneous and Heterogeneous Responses of Copper Prices to Geopolitical Risks: From the Perspective of Supply Chain
IAEE2026548	Sanmang Wu	Research on Early Warning of Global Supply Chain Risks for China's Nickel Ore Imports: An Interpretable Deep Learning Approach

CS7 Monday 20, Module: 16:00–17:30

ROOM: AUDITORIUM 201

Session: Energy Transition

Moderator: Nobuhiro Sawamura

Paper ID	Participant	Title
IAEE2026306	Juan Pablo Viteri	Complementarity and downside risk in Uruguay's renewable power system
IAEE2026309	Nobuhiro Sawamura	Comparative Analysis to Allocate Greenhouse Gas Emissions from International Shipping
IAEE2026121	Fernando Pieroni	Techno-Economic Trade-Offs of BECCS Deployment in the Brazilian Sugarcane Sector: Mapping Economic Drivers
IAEE2026299	Eloi Fernández Y Fernández	Hybrid power plants in isolated systems: cost-optimal sizing and decarbonization trade-offs for Tefé-AM (Brazil)

CS8 Monday 20, Module: 16:00–17:30

ROOM: AULA MAGNA CASA CENTRAL UC

Session: Decarbonizing Industry and Transport

Moderator: Sharon Nuwasiima

Paper ID	Participant	Title
IAEE2026240	Sharon Nuwasiima	ESG Readiness of Manufacturing Firms in Uganda; Does Energy Efficiency Count?
IAEE20262138	Keegan Robertson	Climate Policy and Structural Change: Evidence from Latin America
IAEE2026402	Tarun Sharma	Decarbonization Pathway Selection in Heavy Industries: A Multi-Criteria Decision Analysis Approach
IAEE2026490	Sergio Braga	Optimization of hybrid battery-diesel solution for decarbonization of dynamic positioning drillship based on techno-economic statistical analysis
IAEE2026493	Ragad Aldilaijan	Electrified Thermal Routes for Low-Pressure Chemical Synthesis Towards Industrial Decarbonization

CS09 Monday 20, Module: 16:00–17:30

ROOM: E202

Session: Climate Resilience, Water–Energy–Food and Agriculture

Moderator: Leandro Maciel

Paper ID	Participant	Title
IAEE2026481	Leandro Maciel	Extreme weather events and energy system resilience: Policy lessons from Brazil
IAEE2026246	Mlondi Ndovela	Application of GEMMES-SA in the context of water-energy-food infrastructure investments: A Scenario Building Exercise
IAEE2026475	Soumya Basu	Decentralized Electrolytic Ammonia: Prospects for Agricultural Economic Development in Rural India.
IAEE2026362	Claudio Lucinda	Simplifying Climate Risk Communication: Evidence from a Randomized Experiment in Jamaica
IAEE2026506	Tri Bagus Prabowo	Bioenergy Expansion under Water–Energy–Food Constraints: A Panel Econometric Analysis of ASEAN Economies

CS10 Monday 20, Module: 16:00–17:30

ROOM: E203

Session: Energy Policy and Regulation

Moderator: Govinda Timilsina

Paper ID	Participant	Title
IAEE2026229	Theodoros Arvanitopoulos	Climate policy portfolios that accelerate emission reductions
IAEE2026480	Govinda Timilsina	Factors Behind Weak Performance of Utilities in Sub-Saharan Africa.
IAEE202680	Majed Almozaini	Carbon Pricing, Growth, and Green Financing: Policy Options for Saudi Arabia.
IAEE2026146	Andre Leite	Renewable Energy Subsidies and Energy Injustice: Evidence from Low-Income Households in Brazil
IAEE2026462	Jaime Portugal	Lowering Delivered Energy Costs Under Renewable Intermittency: Tariff Design and Regulatory Risk Mitigation for Gas Pipelines and Power Transmission

CS11 Monday 20, Module: 16:00–17:30

ROOM: E207

Session: Energy Economics and Modeling

Moderator: Silvan M. Radke

Paper ID	Participant	Title
IAEE2026255	Adolfo Uribe Poblete	Hidden Costs of Climate Goals: A Life Cycle Perspective on the Net-Zero Path of the Swiss Energy Sector
IAEE2026271	Silvan M. Radke	Benefits of resilient supply chains: A stochastic cost-benefit analysis of European hydrogen infrastructure
IAEE2026156	Alex Mugarura	Governance quality and Electricity price forecasting in East Africa Community: A probabilistic approach
IAEE2026273	Daniel Águila	Congestion Rents as Investment Signals: Restoring Long-Term Economic Efficiency in Liberalized Power Systems
IAEE2026372	Iago Gomes Gonçalves	Energy Integration and Climate Cooperation in an Extended RICE Model: Long-Run Climate and Economic Implications

CS12 Monday 20, Module: 16:00–17:30**ROOM: E208**

Session: Energy Transition

Moderator: Isaac Dyrer

Paper ID	Participant	Title
IAEE2026280	Sebastian Gajardo	Green Ammonia Trade between Chile and Europe: The Interaction of Carbon Pricing and Export Competitiveness
IAEE2026295	Ronett Atukunda	Energy Transition or Energy Addition? Multinomial Evidence from Electric Motorcycle Adoption in Kampala- Uganda
IAEE202666	Marjan Nazifi	Keeping It Local: Determinants of Household Intentions for Community Energy
IAEE2026318	Isaac Dyrer	Exploring the virtuous cycle involving energy transition and GDP growth for speeding sustainable development - a sector-specific focus for Colombia
IAEE2026519	Heloisa Borges Bastos Esteves	Hydrocarbons, Just Transition and Differentiated Responsibilities: Rethinking Energy Transition Pathways in Latin America

CS13 Monday 20, Module: 16:00–17:30**ROOM: E209**

Session: Energy Transition

Moderator: Al-Amin Habib Abba Jato

Paper ID	Participant	Title
IAEE202682	Amin Habib Abba Jato	Dynamic Interactions Among Energy Consumption, Economic Growth, and CO2 Emissions: Evidence from Empirical Analysis for Policy Implication and Technology Adoption.
IAEE202686	Litu Sethi	Navigating the Energy Trilemma in Developing Economies: Policy Levers for Sustainable Energy Transition
IAEE2026112	Stephen Kirama	Economic Policy Instruments Effectiveness in Accelerating Energy Transition: Evidence from global Energy Transition Indexes.
IAEE202645	Zohreh Salimian	Energy Communities as Autonomous Multifacility Clubs
IAEE2026116	Philipp Riegebauer	AI-Supported Heating control in Municipal Buildings: Evaluated Measures and Algorithmic Inputs

Tuesday 21, Module 09:00–10:30**SCS3 Tuesday 21, Module 09:00–10:30**

ROOM: SALÓN FRESNO

Session: Supply and industry chain of critical minerals for low-carbon and clean energy development (2)

Moderator: Huajiao Li

Paper ID	Participant	Title
IAEE2026182	Zipeng Lin	The Pressing Water Crisis of Lithium Boom Urges Joint Mitigation Efforts
IAEE202661	Deyi Xu	The dynamic complexity of critical mineral supply chains reveals the paradox of energy transition
IAEE202654	Huajiao Li	Supply and industry chain of critical minerals for low-carbon and clean energy development (2)

CS14 Tuesday 21, Module 09:00–10:30

ROOM: AUDITORIUM 201

Session: Renewable Energy Prospects

Moderator: Adriana Marcela Durán Pabón

Paper ID	Participant	Title
IAEE2026149	Nobuhiro Fuke	Seasonal Variation in Solar Photovoltaic's Impact on Electricity Price Variability: A Quantile Regression Analysis of Kyushu, Japan
IAEE2026291	Mohammed Al-Hejaili	Ramp-Up Rate on Solar PV Power Plants: Operational and Economic Implications
IAEE2026406	Sergio Luiz Pinto Castiñeiras Filho	Exploiting sugarcane bioenergy with CCU through lipid-rich microalgae: economic risk analysis of biorefineries using Monte Carlo simulation
IAEE2026415	Adriana Marcela Durán Pabón	Estimating Wind Turbine Degradation Over Time
IAEE202698	Charles Mason	Volatility in Solar Renewable Energy Certificates: Jumps and Fat Tails

CS15 Tuesday 21, Module 09:00–10:30**ROOM: E202**

Session: Digitalization and Energy Markets

Moderator: Kai Rommel

Paper ID	Participant	Title
IAEE2026172	Leonardo Lima Gomes	A Blockchain-based Book and Claim System Applied to the Diesel R Case
IAEE2026173	Carlos Eduardo Camara Pereira	A Blockchain-based Chain of Custody Framework: The Bunker Fuel Case
IAEE2026267	Boris Ortega	Privacy Valuation and Privacy-Seeking Behavior: Lessons from an Information Treatment
IAEE2026363	Kai Rommel	Influence of context effects on stated preferences for digitized service offerings
IAEE2026332	Tessa Hubble	The challenges of transition: South Africa's path towards a competitive wholesale electricity market

CS16 Tuesday 21, Module 09:00–10:30**ROOM: AULA MAGNA CASA CENTRAL**

Session: Energy Transition

Moderator: Jaime Portugal

Paper ID	Participant	Title
IAEE2026109	Thor Gallardo	Bridging Renewable Carbon to Methanol: Biomass and Biogas Conversion Pathways for Scalable Low-Carbon Fuels
IAEE2026455	Jaime Portugal	From Curtailment to Trade: Valuing Gas and Power Corridors Across Argentina–Bolivia–Chile–Brazil
IAEE2026266	Jonghyeok Han	Competing Flexibility Strategies under a 2050 Carbon-Neutrality Constraint: ESS-Led Renewables and Coal-Site Brownfield SMR Repowering in an Expansion–Operation Framework
IAEE2026335	Jessica Kiln	From Monopoly to Market: Renewable energy integration and the structural transformation of electricity supply industries in emerging markets — Evidence from South Africa
IAEE2026239	Balachandra Patil	Firm Power in a Greener Grid: Navigating through India's Energy Transition Pathways

CS17 Tuesday 21, Module 09:00–10:30

ROOM E203

Session: Energy Efficiency

Moderator: Junko Ogawa

Paper ID	Participant	Title
IAEE2026337	Junko Ogawa	Profiling Energy-Saving Awareness in Japan: Which Households Are Motivated to Save Energy?
IAEE2026345	Antonin Beringhs	The role of risk-mitigation mechanisms in energy renovations: Evidence from a discrete choice experiment.
IAEE2026347	Nisha Rani	A state-level analysis of energy efficiency potential and achievements of the Indian aggregate manufacturing sector
IAEE2026350	Baichen Xie	Real-Time Reliability Assessment of Grid-Connected Power Plants Using Satisficing Data Envelopment Analysis
IAEE2026384	Fernando Pieroni	Benchmarking the Economic and Environmental Impacts of Oilwell Drilling

CS18 Tuesday 21, Module 09:00–10:30

ROOM E207

Session: Electricity Markets

Moderator: Kota Sugimoto

Paper ID	Participant	Title
IAEE2026425	Adam Suski	Credit Risk and Settlement Frequency in Electricity Markets Hedging Contracts: The Case of Long-Duration Energy Storage
IAEE2026148	Kota Sugimoto	Renewable Energy and Carbon Emissions: Spillovers Across Regions
IAEE2026389	Olivier Massol	Valuing Demand-side Flexibility: Toward a Supply-curve for Additional Flexible Capacity
IAEE2026447	Diogo Lisboa Romeiro	Time of Use for Net Energy Metering Adopters: projected impacts on Brazilian distributed solar generation
IAEE2026227	Naielly Marques	A Blockchain-Based Application for Passenger-Level Aviation Emission Neutralization

CS19 Tuesday 21, Module 09:00–10:30

ROOM E208

Session: Energy System Modeling and Innovation

Moderator: Soohyeon Kim

Paper ID	Participant	Title
IAEE2026355	Diego Cebberos	Incentive Compatibility in Vehicle-to-Grid Business Models
IAEE2026166	Rudi Van Els	Suriname and the NDC targets - a gap analyses using OSeMOSYS
IAEE2026224	Sebastian Oliva H.	Techno-economic assessment of optimally designed distributed energy investments throughout Chile
IAEE2026119	Kévin Vandermarlière	Why Methane Matters: A Dual Approach to Policy Impact and Abatement Cost Modeling in the U.S. Oil and Gas Sector
IAEE2026356	Soohyeon Kim	Capital Allocation Across Industries by Global Energy Firms: Industry Distance, Technological Proximity, and Structural Transformation

CS20 Tuesday 21, Module 09:00–10:30

ROOM E209

Session: Mineral and Oil Resource Economics

Moderator: Maylis Peyret

Paper ID	Participant	Title
IAEE2026264	Javier Bustos Salvagno	Mining, Critical Minerals, and Climate Policy Feedback: Insights from Chile's Energy Transition
IAEE2026411	Jun Li	Optimal strategy of energy assets management: a portfolio risk hedging perspective
IAEE2026453	Roberto Ferreira Da Cunha	Hotelling's Sweet Spot: Geological Constraints, Resource Economics, and the Emergence of Bell-Shaped Supply Trajectories
IAEE202679	Maylis Peyret	What Makes Copper Markets Economically Sustainable?
IAEE202697	Charles Mason	Whose Frac Is It, anyway? Using Sources of Productivity Gains to Explain Industrial Organization in Oilfield Services

Tuesday 21, Module 16:00–17:30**SCS4 Tuesday 21, Module 16:00–17:30**

ROOM SALÓN FRESNO

Session: Clean Energy Pathways for a Global South Just Transition:
Evidence from the MCET Network

Moderator: Luis Fernandez Intriago

Paper ID	Participant	Title
IAEE2026445	Luis Fernandez Intriago	Clean Energy Pathways for a Global South Just Transition: Evidence from the MCET Network
IAEE2026456	Rodrigo Borquez	Clean Energy Pathways for a Global South Just Transition: Synthesis and Macroeconomic Perspective
IAEE2026448	Manuel Portilla Paveri	Demand Response as a Flexibility Resource in Electricity System Decarbonization: Evidence from Chile, Colombia, and Vietnam
IAEE2026450	Paola Acevedo	SWITCH-Honduras: Integrating Territorial Justice Elements into Long-Term Energy Planning Models
IAEE2026451	Tarun Sharma	Modelling Demand-Responsive Pricing for India's Power Sector: A Scenario-Based Policy Analysis Using the SWITCH Platform

CS21 Tuesday 21, Module 16:00–17:30

ROOM AUDITORIUM 201

Session: Oil and Gas Markets: Resources, Networks and Regulation

Moderator: Muhammad Akimaya

Paper ID	Participant	Title
IAEE2026211	Muhammad Akimaya	The Effect of Energy Transition to the Importance of KSA's Oil Exports as a Measure of Market Power
IAEE2026410	Storm Morison	Representing gas-electricity interdependencies in South Africa's long-term power system planning
IAEE2026452	João Amorim	Market Power in a Constrained Gas Network: A Nash–Cournot Complementarity Framework
IAEE2026479	Edson Gonçalves	Regulatory Asset Base Valuation for Natural Gas Transmission Pipelines in Brazil
IAEE2026145	Alexandre Scarioffolo	The Market Integration between Road and Ocean: An Analysis of Price Dynamics between Truck and Marine Fuel.

CS22 Tuesday 21, Module 16:00–17:30**ROOM E202**

Session: Energy Economics and Modeling

Moderator: Liying Xu

Paper ID	Participant	Title
IAEE2026231	Ivo Nacucchio	Argentina's Gas Balance and Exports: Mathematical Programming & Simulation for Decision-Making under Different Regulatory Frameworks
IAEE202644	Rolando Fuentes	How Energy Scenarios Shape—and Distort—Strategic Thinking
IAEE2026297	Matheus Gonçalves Costa	Quantifying Regional Economic Benefits: A Framework for Multi-National Hydro Integration in Central Asia
IAEE2026158	Liying Xu	Techno-Economic Evaluation of a Carbon-Neutral Transoceanic LNG–CO ₂ Energy System Integrating Carbon Sequestration
IAEE2026157	Alex Mugarura	Electricity price forecasting approaches and emerging research gaps: A systematic review

CS23 Tuesday 21, Module 16:00–17:30**ROOM: E203**

Session: Hydrogen Economy

Moderator: Julieta Rabinovich

Paper ID	Participant	Title
IAEE2026298	Monique Riscado Stilpen	International Hydrogen Market Development: Lessons for Brazil's Strategic Positioning
IAEE2026514	Johannes Felipe Giehl	From Renewable Resources to Industrial Decarbonisation: Optimising Co-Located Renewable Power and Green Fuel Hubs for Export and Mining in the case of Chile
IAEE2026279	Alexandre Figueiredo	AI-Driven Hydrogen and FCC Oxy-Combustion Pathways for Low-Carbon Refineries
IAEE2026537	Julieta Rabinovich	The Hydrogen Economy: Resetting Expectations, Scaling Challenges, and Strategic Coordination.
IAEE202687	Wei Li	How Institutional Configurations Drive the Regional Adoption of Hydrogen Fuel Cell Vehicles

CS24 Tuesday 21, Module 16:00–17:30

ROOM: AULA MAGNA-CASA CENTRAL

Session: Renewable Integration and Green Hydrogen Planning

Moderator: Luana Gaspar

Paper ID	Participant	Title
IAEE2026464	Camilo Herrera	SWITCH Colombia An Open-source Renewable Energy Model for the Long-term Planning of Electricity Generation
IAEE2026290	Luana Gaspar	Optimal risk-averse design of green hydrogen projects: a stochastic optimization approach
IAEE2026424	Marcelo Maestrini	Green Hydrogen and the Political Economy of Derisking in Brazil: From Market-Shaping to Risk Absorption
IAEE2026174	Zheng Hou	When Flexibility Matters: Measuring Thermal Plant Efficiency Under Market Uncertainty and Renewable Variability
IAEE2026414	Shashank Prabhakar	Supply-Side Optimization Framework for India's Electricity Sector

CS25 Tuesday 21, Module 16:00–17:30

ROOM E207

Session: Energy Transition

Moderator: Jessica Kiln

Paper ID	Participant	Title
IAEE2026302	Wilson Salazar Guarín	An integrated multi-criteria decision analysis framework for onshore wind project evaluation in Colombia
IAEE2026196	Lucas Lourenção	On a “Green” Commodity Trap: Energy Transitions, External Coercion and National Development Over 1850–1950 Between Brazil and Japan
IAEE2026242	Jorge Arbache	North–South Integration in the Global Energy Transition
IAEE2026328	Jessica Kiln	Winners and losers in the energy transition: A framework for assessing country-level structural readiness
IAEE2026457	Jaime Portugal	Virtual Energy Storage via Regional Gas–Power Exchanges: Valuing Flexibility and Liquidity Using Underutilized Infrastructure in the Southern Cone

CS26 Tuesday 21, Module 16:00–17:30

ROOM E208

Session: Global Energy Security

Moderator: Emre Hatipoglu

Paper ID	Participant	Title
IAEE2026292	Helen Anais Fischer	Supply Risk Budget Allocation across Commodities in a Net-Zero Energy System
IAEE2026315	Kari Anne Fange	Conceptualizing energy security in the literature on European electricity market integration
IAEE202648	Roberto Cardinale	Rethinking energy security: Economic intelligence for industrial strategies
IAEE2026171	Joseph Wilson	Energy security dynamics in Sub-Saharan Africa: Assessment of selected countries in the region

CS27 Tuesday 21, Module 16:00–17:30

ROOM E209

Session: Energy Economics and Modeling

Moderator: Cristian Cardenas-Lailhacar

Paper ID	Participant	Title
IAEE2026147	Marcus Jude San Pedro	Hardship trilemma in New Zealand: heat, eat or move
IAEE2026270	Tarun Sharma	Material Constraints and Electrification in Net-Zero Pathways: An Integrated Energy System Modeling Analysis
IAEE2026287	Luis E Gonzales	Measuring the Cost of Darkness: A Systemic Value of Lost Load Framework for Power System Resilience in Chile
IAEE2026367	Benjamin Wassermann	Fuel Subsidies and Expansion Planning in Isolated Power Systems: Evidence from Chile's Medium-Sized Systems
IAEE2026397	Cristian Cardenas-Lailhacar	Energy and water savings in AI data centers

Wednesday 22, Module 09:00–10:30**SCS5 Wednesday 22, Module 09:00–10:30**

ROOM: SALÓN FRESNO

Session: Bridging or Widening the Gap? Just Energy Transitions in the Global North and South

Moderator: Roula Inglesi-Lotz

Paper ID	Participant	Title
IAEE2026206	Roula Inglesi-Lotz	Bridging or Widening the Gap? Just Energy Transitions in the Global North and South
IAEE2026482	Roula Inglesi-Lotz	Carbon Border Adjustment Mechanisms and the Just Energy Transition in the Global South
IAEE2026483	WiZelle Kritzingger	Energy Poverty and the Social Architecture of Just Transition Policy
IAEE2026484	Roula Inglesi-Lotz	Global Convergence or Persistent Divergence? Comparative Pathways in Just Energy Transition Policy Design
IAEE2026485	Roula Inglesi-Lotz	Urbanisation and energy poverty in Africa south of the Sahara: the role of the growth- energy nexus

CS28 Wednesday 22, Module 09:00–10:30

ROOM E202

Session: Energy Markets

Moderator: Tilsa Ore Monago

Paper ID	Participant	Title
IAEE2026228	Leonardo Lima Gomes	A Risk Analysis Model of a Natural Gas Float-To-Fix Swap Trading in The Brazilian New Gas Market
IAEE2026300	Abril Saracho	Short- and long-term price elasticity of residential energy consumption: Evidence from a natural experiment with social tariff
IAEE2026310	Tilsa Ore Monago	Price dispersion and competition in the Texas retail electricity market
IAEE202695	Hugo Borges Da Silva	Structural Patterns and Changes in Brazil's Oil and Refined Products Trade: An Assessment for 2000–2024.
IAEE2026325	Sang-Woo Yun	Dynamic Incentive-Compatible Contract Design in Energy Data Markets under Moral Hazard

CS29 Wednesday 22, Module 09:00–10:30

ROOM E203

Session: Energy Finance and Investments

Moderator: Tao Ling

Paper ID	Participant	Title
IAEE2026100	Tao Ling	Banks Climate Stress Testing Based on Energy Sectors
IAEE2026188	Lindomayara França Ferreira	Local Industrial Development of the Wind Energy Sector: An Impact Assessment of Financing in Brazil
IAEE2026198	Joseph Ahaisibwe	Financing Frameworks and Models for Renewable Energy Investment: A Systematic Literature Review
IAEE2026207	Caio Correa Costa	Financing the Energy Transition in Emerging Economies: Public Investment, Private Participation, and Institutional Quality
IAEE2026385	Hudson Nyikadzawanda	The Bankability-Equity Paradox: Spatial Financing Traps in South Africa's Just Transition

CS30 Wednesday 22, Module 09:00–10:30

ROOM E207

Session: Electricity Markets

Moderator: Olvar Bergland

Paper ID	Participant	Title
IAEE2026333	Munyaradzi Keith Mupazviriho	Market Transition Mechanisms in Stressed Electricity Systems: A Simulation-Based Evaluation of the South African Market
IAEE2026353	Olvar Bergland	On the Distributional Effects of Water on Fire
IAEE2026194	Laura Wangen	Distribution Network Cost Recovery and Allocation in Energy Communities
IAEE2026369	Kay Walsh	Reconciling Competing Objectives in Vesting Contract Design: Enabling South Africa's Transition to a Competitive Wholesale Electricity Market
IAEE2026308	Juliana Serra	Estimating Markups in a Hydro-Dominated Bid-Based Electricity Market: Evidence from Colombia

CS31 Wednesday 22, Module 09:00–10:30

ROOM E208

Session: Social Equity and Sustainable Development

Moderator: Meenu Bhaskar

Paper ID	Participant	Title
IAEE2026223	Litu Sethi	Rebalancing the Energy Security, Energy Equity, and Environmental Sustainability in Developing Countries: Do Energy Investments and Financial Systems Play a Synergistic Role?
IAEE2026159	Dinesh Korrapati	Public Communication on the Energy Transition - A Natural Language Processing Approach for Analyzing News Data
IAEE2026175	Adolfo Uribe Poblete	Linking Life Cycle Environmental Impacts and Energy Poverty: A Framework for Equitable Heating Transitions
IAEE2026336	Meenu Bhaskar	The Impact of PMUY on Household Nutrition: Evidence from India

CS32 Wednesday 22, Module 09:00–10:30

ROOM E209

Session: Energy Policy, Security and Geopolitics

Moderator: Xiyu Wang

Paper ID	Participant	Title
IAEE202685	Xiyu Wang	Strategy analysis based on text mining of Chinese policy mentioning both energy affairs and Latin American countries
IAEE2026283	Tomasz Wiśniewski	Divergent Pathways of Energy Rivalry by Major Superpowers: Aligning Energy Policy Choices Across Continents
IAEE2026430	Mustafa Amer	US Natural Gas Supply at the Intersection of Oil and Gas Prices: Econometric Evidence and Implications for Global LNG Trade
IAEE2026507	Tri Bagus Prabowo	Energy Governance Fragmentation and Strategic Autonomy: Indonesia's Policy Architecture in the Global Energy Transition

CS33 Wednesday 22, Module 09:00–10:30

ROOM: AUDITORIUM 201

Session: Supply Chains, Regional Cooperation and Critical Minerals

Moderator: Virginia Parente

Paper ID	Participant	Title
IAEE2026388	Hans Auer	Strategic Interactions in the Solar PV Module Supply Chain: An Equilibrium Problem with Equilibrium Constraints Framework for Economic and Geopolitical Analysis
IAEE2026160	Xi Deng	The New Paradigm of China-Latin America Oil Cooperation in the Context of Global Energy Fragmentation
IAEE2026215	Jorge Miranda Pinto	Macroeconomic Effects of Rare Earths Supply Chain Disruptions
IAEE2026220	Oliver Reschreiter	Crisis Governance and Energy Security in Integrated Markets: Lessons from REPowerEU
IAEE2026316	Virginia Parente	Financial guarantees for the decommissioning of oil and natural gas facilities: lessons from the new US regulatory framework.

CS34 Wednesday 22, Module 09:00–10:30

ROOM: AULA MAGNA CASA CENTRAL UC

Session: Electricity Markets

Moderator: Enzo Sauma

Paper ID	Participant	Title
IAEE2026379	Nina Goldenzweig	Transitioning to a Bid-Based Power Pricing Mechanism: Risk Mitigation Strategies
IAEE2026405	Richard Green	Energy Storage, Reliability and Missing Money: Analytical Results
IAEE2026471	Enzo Sauma	Long-Term Chilean Power System Expansion Planning with BESS degradation modeling
IAEE2026570	Marco Baudino	How much retail-price volatility should consumers bear? Evidence from Spain's PVPC

Wednesday 22, Module 14:00–15:30**SCS6 Wednesday 22, Module 14:00–15:30**

ROOM: SALÓN FRESNO

Session: Energy Transition and Environmental Regulation

Moderator: Xiaoli Zhao

Paper ID	Participant	Title
IAEE2026558	Yang Yu	AI Coordinated Assessment for Cross-regional Power Capacity Sharing on Zero-Carbon Grid
IAEE2026554	Xiaoli Zhao	Just Energy Transition: a Perspective of Deploying Photovoltaic Power in Coal Mining Regions
IAEE2026556	Xing Yao	Wind and Solar Resource Assessment and Economic Evaluation Considering the Impacts of Climate Change
IAEE2026557	Yongli Wang	Cooperative Optimization of Artificial Intelligence and Integrated Energy Systems

CS35 Wednesday 22, Module 14:00–15:30

ROOM: E202

Session: Electricity Market Design and Regional Integration

Moderator: Chiara Lo Prete

Paper ID	Participant	Title
IAEE2026114	Chiara Lo Prete	Modeling the integration of long-term energy contracts in New England's wholesale electricity markets
IAEE2026126	Rahmat Poudineh	Policy-Cost Avoidance in Liberalised Retail Electricity Markets
IAEE2026374	Gabriel Rocha A Cunha	Modeling a South American regional market: The benefits of flexible Month-Ahead commitments
IAEE2026432	Javier Maquieyra	Electricity Market Design: How do we get electricity markets to respect the levels of reliability that customers are willing to pay for?

CS36 Wednesday 22, Module 14:00–15:30

ROOM E203

Session: Grids, Storage and Infrastructure for Renewable Integration

Moderator: Brandon Schaufele

Paper ID	Participant	Title
IAEE2026284	Yiming Du	Climate-Induced Flexibility Demand Reshapes the Roles of Storage and Coal in China's Power System
IAEE2026216	Zhi-Tao Zhang	Does digital technology innovation mitigate the impact of high renewable energy penetration on power grid service efficiency? Evidence from China
IAEE202684	Joaquín Corvalán Azpiazu	Renewable energy curtailment and regional electricity integration in South America
IAEE2026129	Brandon Schaufele	A Stock-Flow Model of Regulated Utility Investment, Extraordinary Recovery and Stranded Assets
IAEE2026348	Xiaoya Li	Is Retirement Sequencing More Important than Retirement Scale? Carbon–Water Synergies of Coal Power under Carbon Neutrality

CS37 Wednesday 22, Module 14:00–15:30

ROOM E207

Session: Nuclear Power and Firm Capacity in Energy Transition

Moderator: Timothy Fitzgerald

Paper ID	Participant	Title
IAEE2026311	Timothy Fitzgerald	Nuclear Construction Completions, Cost Overruns, and Abandonments in the United States
IAEE2026403	Lucas Javier Fernandez De Losada	Assessing net-zero energy system configurations under a Nuclear Power revival: A Swiss Case Study
IAEE2026428	Eric Wieser	The Economics of Tariffs and Capital Costs in New Nuclear Power
IAEE2026562	Wei Fan	Economic Trade-off between Renewable Energy Integration and System Reliability in Carbon-Neutral Power System

CS38 Wednesday 22, Module 14:00–15:30

ROOM E208

Session: Corporate Decarbonization and System Resilience

Moderator: Gerardo Alejandro Blanco Bogado

Paper ID	Participant	Title
IAEE2026386	Ananya Gupta	Investor Response to Green Mergers and Acquisitions: Evidence from Environmentally Innovative Firms in India
IAEE2026509	Eduardo Kayo	Climate Shocks and Substitution Dynamics in Brazil's Hydrothermal Power System
IAEE2026289	Gerardo Alejandro Blanco Bogado	Quantifying the Value of Cross-Border Power Interconnections for Decarbonization and Resilience in Latin America
IAEE2026502	Sergio Braga	Transitional Decarbonization of Freight Transport: Experimental Evidence for Hydrogen–Diesel Dual-Fuel Strategies
IAEE2026305	Rodrigo Cestau Oyhançabal	Science-Based Targets initiative and Firm Greenhouse-Gas Emissions: Evidence from Dynamic Panel Estimates

CS39 Wednesday 22, Module 14:00–15:30

ROOM E209

Session: Energy Access, Mobility and Energy Poverty

Moderator: Raed Al Mestneer

Paper ID	Participant	Title
IAEE2026111	Joshua Adeyemi Afolabi	Asymmetric Vehicle Transition and Decarbonization in the EU: The Mediating Role of Environmental Policy Stringency
IAEE2026199	Raed Al Mestneer	Introduction of Electric Vehicles in Saudi Arabia: Impacts on Oil Consumption, CO ₂ Emissions, and Electricity Demand
IAEE2026434	Juan Felipe Henao Piza	Reallocating Off-Grid Electrification Budgets in Colombia: A Biomass Transition Strategy to Reduce Energy Poverty
IAEE2026125	Alejandro Danon	Timing matters: exploring the causal effect and potential mechanisms of a liquidity shock on delayed payments

CS40 Wednesday 22, Module 14:00–15:30

ROOM E201

Session: Social Dimensions of Energy Transition

Moderator: Maria Cecilia Pereira de Araujo

Paper ID	Participant	Title
IAEE2026165	Yuxiang Ye	The impact of price on the estimation of electricity Engel curves and required energy consumption
IAEE2026296	Maria Cecilia Pereira De Araujo	The Energy-Poverty-Climate Nexus in Tropical Colombia
IAEE2026461	Luis Fernandez Intriago	Environmental Policies and Informality: The Case of Mexico
IAEE2026470	Kun Queena Qian	Institutional Access and Participation in Energy Efficiency Policy: Evidence from Residential Retrofit Decisions in the Netherlands
IAEE2026534	Ngawang Dendup	Incentives to Electricity Conservation and Impact on Household: Evidence from Field Experiment

CENTRO EXTENSION ALAMEDA

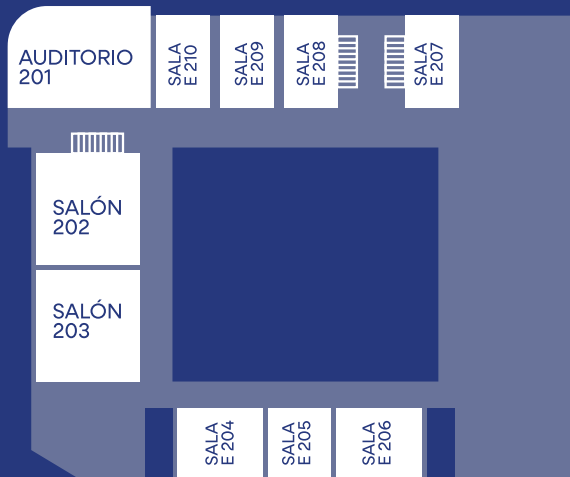
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MARCOLETA



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BRIDGING CONTINENTS, FUELING PROGRESS:
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