

1st IAEE Online Student Conference - Online 09:00 CET Time  
04/20/2026

Europe - Online 09:00 CET Time

Cross-Continental Perspectives on Energy Development in an Era of Uncertainty: Securing Sustainable and Affordable Energy Futures

09:00 - 09:30 CET	<b>Opening Plenary Session</b> Welcome address: Prof. Aaron Praktiknjo, RWTH Aachen University, IAEE President Assistant Prof. Ange Blanchard, Paris Saclay University, IAEE Student Representative
09:30 - 10:00 CET	<b>How to publish? Energy Journal Editorial Session</b> Prof. Pedro Linares, Univ Pontificia Comillas IIT, The Energy Journal Editor-in-Chief
10:00 - 10:20 CET	Coffee break
10:20 - 11:50 CET	<b>Concurrent Sessions</b>
	<b>CS01 Energy Policy and Regulation</b>
10:20-10:38 CET	How Effective is Carbon Pricing in Reducing Carbon Emissions Intensity? A Meta-Analysis of the Quasi-Experimental Research; Authors: MiLim Kim, David Stern, Stephan Bruns, Tarun Khanna Presenter: MiLim Kim (The Australian National University)
10:38-10:56 CET	Determinants of Hydrogen Electrolysis Project Progression to Final Investment Decision and Operation. Authors: Zainab Sheikh, Jihyo Kim; Presenter: Zainab Sheikh (KAIST)
10:56-11:14 CET	Interconnection as Climate Policy? Assessing the impact of the EU 15% interconnection target on CO2 Emissions with PyPSA-Eur. Authors: Amady Léchenet Presenter: Amady Léchenet (EconomiX CNRS - University of Paris Nanterre)
11:14-11:34 CET	Energy Price Shocks and Foreign Exchange Reserves in Bangladesh: Do Remittances Act as a Buffer or a Mediator? Authors: Banna Banik; Presenter: Banna Banik (Australian National University)
11:32 -11:50 CET	Converging in the Dark? Night-Time Lights and Spatial Energy Development in South Africa Authors: WiZelle Kritzinger, Roula Inglesi-Lotz Presenter: WiZelle Kritzinger (University of Pretoria)
	<b>CS02 Energy Economics and Modeling</b>
10:20-10:38 CET	Climate-Induced Water Stress and Energy System Vulnerability: A Resilience Framework for Developing Countries Using Open-Source Modelling. Authors: Charlotte Newiadomsky; Presenter: Charlotte Newiadomsky (Hochschule Niederrhein University of Applied Sciences)
10:38-10:56 CET	Decarbonizing China's logistics: environmental and economic assessment of road-to-rail/water modal shift scenarios. Authors: Fangzhou Dai; Presenter: Fangzhou Dai (The University of Tokyo)
10:56-11:14 CET	A Club Convergence Analysis of Energy Security Index: Evidence from Indian States. Authors: Priyanshu Chavda Presenter: Priyanshu Chavda (Pandit Deendayal Energy Univeristy)
11:14-11:34 CET	Empirical Stress Test of the Merit-Order Mechanism Under Extreme Price Shocks: A Unit-Level Analysis of Coal, Lignite, and CCGT Units in Poland during the European Energy Crisis. Authors: Bartosz Sobik; Presenter: Bartosz Sobik (SGH Warsaw School of Economics)
11:32 -11:50 CET	Impact of Stochastic Scenario Modeling of Power Sector Uncertainties on Expansion Pathways in Climate-Vulnerable Countries Authors: Oskar Antonik, Pablo Benalcazar, Jacek Kaminski; Presenter: Oskar Antonik (Mineral and Energy Economy Research Institute, Polish Academy of Sciences)
	<b>CS03 Energy Market Design</b>
10:20-10:38 CET	Market Integration in Natural Gas: Evidence from the Spanish Market. Authors: Sonnur Bas Presenter: Sonnur Bas (CEMFI)
10:38-10:56 CET	Countertrading mechanisms and intraday price effects across electricity interconnectors in Great Britain, Germany, and Denmark. Authors: Joseph Cary, Thomas Morstyn; Presenter: Joseph Cary (University of Oxford)
10:56-11:14 CET	The Option to Contract: Long-Term Agreements in Incomplete Electricity Markets Authors: Louis Soumoy, Jules Welgryn Presenter: Louis Soumoy, (CentraleSupélec)
11:14-11:34 CET	Price elasticity of residential electricity demand in Spain: temporal evolution and regional heterogeneity during the 2022 energy crisis. Authors: Daniele Stampatori, Sanchayan Banerjee, Wouter Botzen, José Pablo Chaves Ávila; Presenter: Daniele Stampatori (Comillas Pontifical University)
11:32 -11:50 CET	From Duck to Turtle: When Flexible Demand Overloads the Grid Authors: Zihan Yang, Boris Ortega, Joachim Geske; Presenter: Zihan Yang (Interdisciplinary Centre for Security, Reliability and Trust - SnT, University of Luxembourg)
	<b>CS04 Energy Demand, Access and Rural Electrification</b>
10:20-10:38 CET	Heterogeneous effect of temperature on household electricity consumption in South Africa. Authors: Saien Moodley, Yuxiang Ye; Presenter: Saien Moodley (University of the Witwatersrand)
10:38-10:56 CET	Market Design Reform and Demand Response as Strategic Flexibility Tools for Renewable Integration in the Saudi Electricity Sector Authors: Mohammad Al-Haj. Presenter: Mohammad Al-Haj (Qassim University)
10:56-11:14 CET	Evaluating the welfare impacts of lifeline tariffs amid market volatility: Evidence from South Africa. Authors: Julia Tatham; Presenter: Julia Tatham (University of Cape Town)
11:14-11:34 CET	Linking energy transition and rural inequality: state-level impacts of decentralized solar irrigation in India Authors: Soumya Basu, Lawrence Swaminathan Xavier Prince Presenter: Soumya Basu (Kyoto University)
11:32 -11:50 CET	Analysis of the Effects of TOU Period Redefinition on Commercial Electricity Demand in Jeju. Authors: Kyubin Oh, Jihyo Kim; Presenter: Kyubin Oh (KAIST)
11:50 - 12:30 CET	Lunch Break
12:30 - 13:15 CET	<b>From Ideas to Academic Paper: Workshop session. Prof. Nils-Henrik M von der Fehr, University of Oslo, Vice President for Academic Affairs</b> This session will explore how abstracts can be strengthened and advanced for conference submission and publication. Conference participants will have the opportunity to engage in a Q&A session to ask questions, seek clarification, and discuss matters related to their research and prospective submissions
13:15 - 13:35 CET	Coffee break
13:35 - 15:05 CET	<b>Concurrent Sessions</b>
	<b>CS 05 Energy Uncertainty, Risk and Resilience</b>
13:35 - 13:55 CET	Does Climate Policy Uncertainty Alter the Growth-Emissions Nexus in Energy Resource-Rich African Countries? Authors: Dasauki Musa Presenter: Dasauki Musa (University of South Africa)
13:55 - 14:15 CET	The Baltic Sea on the Frontline of Hybrid Threats: Implications for Europe's Energy Resilience in the 2020s. Authors: Maciej Skuza; Presenter: Maciej Skuza (Maria Curie-Skłodowska University)
14:15 - 14:35 CET	Energy Infrastructure as a Global Public Good: Legal and Economic Frameworks for Resilient Cross-Continental Interconnectors in Conflict-Prone Eras Authors: Mohammed Merrouni Presenter: Mohammed Merrouni (Paris 1 Panthéon-Sorbonne University)
14:35 - 14:55 CET	Assessing the Impact of Eminent Domain Reforms on Renewable Energy Expansion: A U.S. State-Level Analysis Authors: Abdul Khaliq, Jamal Mamkhezri Presenter: Abdul Khaliq (New Mexico State University)
	<b>CS 06 Strategic Tensions in Energy Security, Affordability and Net Zero Pathways</b>
13:35 - 13:55 CET	Institutions, Geoeconomics, and Inertia in Energy Transitions: An Empirical Exploration of the Cross-National Clean Energy Gap. Authors: Maria Eugenia Polegri Santoni, Natalia Zugravu-Soilita. Presenter: Maria Eugenia Polegri Santoni (Institut de recherche pour le développement)
13:55 - 14:15 CET	Drill Here, Drill Now, Pay Less: Labor Market and Air Quality Trade-offs of Oil and Gas Extraction. Authors: Thuy Nguyen Presenter: University of Pittsburgh
14:15 - 14:35 CET	Assessing Community Capacity for Self-Help Solar Photovoltaic Infrastructure in Urban Informal Settlements. A Case Study of Accra, Ghana. Authors: Keren-Happuch Obeku, Margaret Reams, James Spencer; Presenter: Keren-Happuch Obeku (Louisiana State University)
14:35 - 14:55 CET	Electricity Access Beyond the Grid: Community Solar Mini-Grid Adoption and User Experience in Nigeria. Authors: Busrat Ali-Balogun; Presenter: Busrat Ali-Balogun (Oregon State University)
	<b>CS Award Session Best Student Paper Award</b>
13:35 - 14:05 CET	Geopolitical uncertainty and critical mineral investments: A real option approach Authors: Lan Huong Hoang. Presenter: Lan Huong Hoang (University College Dublin)
14:05- 14:35 CET	Optimal Carbon Pricing for Green Hydrogen Adoption: Insights from a Firm-Production Model. Authors: Monica Pereira Henriques, Boris Ortega, Gilbert Fridgen Presenter: Monica Pereira Henrique (Interdisciplinary Centre for Security, Reliability and Trust - SnT, University of Luxembourg)
14:35 - 15:05 CET	Electric vehicle adoption and petrol consumption: Evidence of a decrease in fossil fuels for the private passenger vehicle market. Authors: Jacobus Nel; Presenter: Jacobus Nel (University of Pretoria)
15:05 - 15:25 CET	Coffee break
15:25 - 16:15 CET	Closing Plenary Session: Many Paths, One Global Academic Stage Assistant Prof. Alanda Venter, RWTH Aachen University Christophe Bonnery, IAEE and FAEE Past President Associate Prof. Clair Bergaentzlé, DTU Assistant Prof. Pablo Benalcazar, Polish Academy of Science. Past IAEE Student representative
16:15 - 16:30 CET	Closing Ceremony and IAEE Emerging Student Research Award