

YEEES 34 – Durham University

34th Young Energy Economists and Engineers Seminar

September 12-13, 2024

Where: Durham University Business School, Mill Hill Lane, Durham DH1 3LB United Kingdom
<https://www.durham.ac.uk/business/news-and-events/events/2024/09/ce3-yeees-seminar/>

Thursday, September 12, 2024

	Session A – MHL 405	Session B – MHL 454
08.30 – 09.00	Registration and Coffee	
09.00 – 09.15	Welcome to YEEES 34 Simone Abram (DEI Executive Director, Durham University) Laura Marsiliani (CE3 Co-Director and Dept. of Economics, Durham University) Huashan Bao (Dept. of Engineering, Durham University)	
09.15 – 10.05 (1)	Aislinn Dhulster (Ghent University) <i>Citizens participation in offshore wind: An overview of offshore wind energy communities in Europe</i> JD: Shezhad Javed; SD: Simone Abram	Sammit Vartak (ETH Zurich) <i>The system integration cost of the decentralised energy transition in Switzerland</i> JD: Guillaume Van Caelenberg; SD: Vahid Ghorbani Pashakolaie
10.05 – 10.55 (2)	Kalila MacKenzie (University of Durham) <i>Willingness to Pay for low-carbon heating systems' attributes by UK households</i> JD: Justus Böning; SD: Elaine Forde	Mathieu Richard (University Paris Dauphine) <i>Dealing with renewables integration in the balancing phase: A comparative econometric study of the Belgian and French power systems</i> JD: Paul Ghelasi; SD: Thomas Renstrom
10.55 – 11.15	COFFEE BREAK – MHL 418 (Lounge)	

11.15 – 12.05 (3)	Hanzhe Xing (University of Cambridge) <i>Design cost-efficient energy sustainability solutions for decarbonized GB power system</i> JD: Ece Özer; SD: Huashan Bao	Veronica Mammetti (Universita' La Sapienza, Rome) <i>Are sovereign debts sustainable under energy transition?</i> JD: Tony Seibold; SD: Leslie Reinhorn
12.05 – 13.00 (4)	Adam Suski (Imperial College London) <i>Market-oriented analysis of pumped hydro, storage hydro, and battery storage options: An Indian case study</i> JD: Muhammad Bha; SD: Zhiwei Ma	Katharina Menke (Centrale-Supélec, France) <i>A comprehensive review on the allocation of carbon contracts for differences</i> JD: Dingkun Lu; SD: Wenjuan Ruan
13.00 – 14.15	LUNCH – MHL 418 (Lounge)	
14.15 – 15.05 (5)	Justus Böning (KU Leuven) <i>The effect of energy efficiency relabelling on purchase decisions - Quasi-experimental evidence from the EU</i> JD: Kalila MacKenzie; SD: Riccardo Scarpa	Pablo Gallegos (Imperial College London) <i>Energy-limited resources models for balancing reserves</i> JD: Hanzhe Xing; SD: Thomas Renstrom
15.05 – 16.00 (6)	Shezhad Javed (University of Oslo) <i>Engaging Norwegian youth for inclusive energy transition</i> JD: Aislinn Dhulster; SD: Helen Gowörek	Guillaume Van Caelenberg (Imperial College London) <i>Dynamic network-aware reserves procurement</i> JD: Julian Geis; SD: Alejandro Caparros
16.00 – 16.15	COFFEE BREAK – MHL 418 (Lounge)	
16.15 – 18.00	Optional free excursion: Durham Coal Walk Led by Sandra Bell (Emeritus Professor of Anthropology, Durham University) (Meet in MHL418/Lounge)	Optional free excursion: Durham UNESCO Site Walk Led by University College Team (Meet at Business School Reception)
19.00	CONFERENCE DINNER (Collingwood College) Welcome address by Joanna Berry (DUBS Associate Dean for Engagement and DEI Director, Durham University)	

Friday, September 13, 2024

	Session A – MHL 405	Session B – MHL 452
09.00 – 09.15	WELCOME AND COFFEE – MHL 418 (Lounge)	
09.15 – 10.05 (7)	<p>Clémence Leveque (Paris-Saclay University) <i>Assessing the impact of the low-carbon hydrogen regulation in the EU</i></p> <p>JD: Lucien Genge; SD: Mahdi Amanipour</p>	<p>Julian Geis (TU Berlin) <i>Price formation in a sector-coupled, carbon-neutral energy system</i></p> <p>JD: Sammit Vartak; SD: Lucia Sbragia</p>
10.05 – 10.55 (8)	<p>Saheed Bello (University of Cambridge) <i>Experience curve analyses for green hydrogen technology</i></p> <p>JD: Abdallah Nour El Din; SD: Dibyendu Roy</p>	<p>Paul Ghelasi (University of Duisburg-Essen) <i>Far beyond day-ahead with econometric models for electricity price forecasting</i></p> <p>JD: Mathieu Richard; SD: Xing Wang</p>
10.55 – 11.15	COFFEE BREAK – MHL 418 (Lounge)	
11.15 – 12.05 (9)	<p>Dingkun Lu (University of Durham) <i>The effect of environmental regulation on environmental misallocation-Evidence from China</i></p> <p>JD: Saheed Bello; SD: Jingyuan Di</p>	<p>Tony Seibold (TU Berlin) <i>The role of green imports in Germany's energy transition</i></p> <p>JD: Veronica Mammetti; SD: Anamaria Nicolae</p>
12.05 – 12.55 (10)	<p>Ece Özer (TU Wien) <i>Evaluating decarbonization strategies in building stock: A multi-model comparison of electrification and alternative approaches</i></p> <p>JD: Adam Suski; SD: Elena Imani</p>	<p>Lucien Genge (Brandenburg University of Technology) <i>Optimizing supply chains for green ammonia and hydrogen</i></p> <p>JD: Clémence Leveque; SD: Atanu Chaudhuri</p>
13.00 – 14.15	LUNCH – MHL 418 (Lounge)	
14.15 – 15.05 (11)	<p>Abdallah Nour El Din (Delft University of Technology) <i>What is the impact of electrolyzer's modelling choices on optimization problem's results?</i></p> <p>JD: Pablo Gallegos; SD: Dawid Hanak</p>	<p>Muhammad Bha (Sustainable Energy Authority of Ireland) <i>Policy uncertainty and strategic decision making in the U.S. nuclear waste industry</i></p> <p>JD: Katharina Menke; SD: Laura Marsiliani</p>

15.05 – 15.55 (12)	<p>PLENARY TALK</p> <p>Dawid Hanak (Professor of Decarbonisation of Industrial Clusters at the Net Zero Industry Innovation Centre, Teesside University)</p> <p><i>Developing research collaboration at the intersection of Energy Engineering and Economics: The REHIP Project</i></p>	
15.55 – 16.00	<p>Closing of YEEES 34 – Durham</p> <p>Michael Naef (Head of Department of Economics, Durham University)</p>	
16.00	FAREWELL DRINKS – MHL418 (LOUNGE)	

Session Chairs are the Senior Discussants (SD) of the last paper in each session.

Presenters and discussants are automatically signed up for the workshop. If you wish to register as a regular participant, please sign up here:

<https://www.durham.ac.uk/business/news-and-events/events/2024/09/ce3-yeees-seminar/>

Coffee, tea, snacks, lunches will be provided. Dinner on 12 September will be provided for presenters and discussants. If you have any dietary requirements and for any questions, please email us at business.researchhub@durham.ac.uk.

CE3 is a research centre on environmental and energy economics at Durham University Business School. You can find more info here: [Centre for Environmental and Energy Economics - Durham University Business School](#)

DEI is the Durham University Energy Institute: You can find more info here: <https://www.durham.ac.uk/research/institutes-and-centres/durham-energy-institute/>