Parallel Session 1

12:30 - 14:10, June 11 (Wed)

Traditional Japanese Noh Theater	Conference Room 1	Conference Room 2	Conference Room 3	Conference Room 4
Energy Modelling-Incorporating Climate	**Transition-Strategies, Transition-Infrastructure**	**Demand-Side Measures**	**Transition-Infrastructure**	**Energy Access, Poverty, Justice, Energy Security**
Chair: TBD **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**
Planning energy systems resilient to climate change: identification of future extreme events and analysis on cost and technologies. **Francesco DE MARCO** **ETH Zurich**	Exploring Strategies and Technology Sensitivities in Japan's Net-Zero Energy Supply Transition **Eamon FRAZER** **The University of Tokyo**	Low Energy and Material Demand (LEMD) strategies for residential sector decarbonization in an ageing society: a scenario study for Japan **Tao CAO** **The University of Tokyo**	Bridging Continents: Analyzing Emission Allocation and Trade Dynamics in the Energy Transition of Europe and Africa **Amir FATTAHI** **TNO, Utrecht University**	Rural electricity access – method and policy insights through a multi-modelling approach applied to East Africa contexts **Erik AHLGREN** **Chalmers University of Technology**
Designing Robust Energy Systems Under Weather Uncertainty and Nuclear Power Outages: A Case Study in Northern Europe **Kamran FORGHANI** **Chalmers University of Technology**	Analysis of Decarbonization Strategies using a Global Energy System Model considering Innovative Synthetic Methane Production Technology **Yuna ISHIDA** **The University of Tokyo**	More benefits with lower demand-Quantifying the co-benefits of energy demand measures in the Residential building sector **Souran CHATTERJEE** **University of Plymouth**	Carbon Intensity Analysis on e-methane and Hydrogen Carriers Shipped by Supply Chains of International and Domestic Production **Yuki ISHIMOTO** **The Institute of Applied Energy**	Bridging decent living gaps in mitigation scenarios: a multi-model study for the residential sector in India **Alessio MASTRUCCI** **International Institute for Applied Systems Analysis (IIASA)**
Assessing Climate Impacts by Integrating a Global CGE Model with Regional, Sector-Specific Damage Functions **Eun Young KIM** **Yonsei University**	Long Duration Energy Storage for Electricity System Decarbonization **Todd LEVIN** **Argonne National Laboratory**	Intermittent production of electricity-based synthetic jet fuel as a demand-side management strategy for grid decarbonization **Oleg LUGOVOY** **OptimalSolution LLC**	Developing E-Methane Value Chain and Proper GHG Accounting Rules to Incentivize Recycled Carbon Fuels **Ryota KUZUKI** **The Japan Gas Association**	Using Willingness to Pay can misguide energy policy design in developing countries with unstable electricity supply: Evidence from Benin **Michael Adu OKYERE** **Clean Air Task Force**
Understanding and improving power system resilience to extreme weather: A Northeast China case study **Gege YIN** **Peking University**	Net-Zero by 2050: Evaluating Energy Efficiency and Sufficiency Contributions in Europe Using PyPSA-EUR **Muhammad Umair TAREEN** **University of Liege**	Estimating the Nonlinear Temperature Sensitivity of Residential Electricity Demand under Measurement Errors **Kyungsik NAM** **Hankuk University of Foreign Studies**	Evaluating Interstate Gas Infrastructure in the Energy Transition: A Switch-Gas Model Approach **Rangrang ZHENG** **Fulbright University Vietnam**	Bridging the Gap: A Novel M2/LIHC Hybrid Indicator Unveils Energy Poverty Dynamics -- case study of the Czech Republic **Matej OPATRNY** **Charles University**
	Evaluating the infrastructure impacts of large flexible loads: An ERCOT case study **Jerry POTTS** **The University of Texas at Austin**	Method and Estimation of Cross-sectoral Mitigation Potential of Demand Side Solutions **Joyashree ROY** **Asian Institute of Technology(AIT)**	Approach to setting the attribution of CO2 reductions for CCU fuels — Toward a system counting fuel selection as an emission reduction effort **Naoki MATSUO** **Institute for Global Environmental Strategies (IGES)**	

Parallel Session 2

14:40 - 16:00, June 11 (Wed)

Traditional Japanese Noh Theater	Conference Room 1	Conference Room 2	Conference Room 3	Conference Room 4
Energy Modelling-Spatial Perspective, Energy Modelling-Advancing Modelling Methodology	**Transition-Strategies**	**Energy/Climate Policy**	**Sectral Pathways-Transport**	**Energy Access, Poverty, Justice, Energy Security**
Chair: TBD **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**
Is wind power deployed where it is windiest? Implications for analyzing energy futures. **Carin LUNDQVIST** **Chalmers University of Technology**	Pathways to Climate Neutrality: Europe's Energy Transition under the Green Deal **Steven Sergij SALIM** **TNO**	An Analytical Study on Changes in Scenarios of IEA's World Energy Outlook **Sumie NAKAYAMA** **J-POWER / Kyoto University**	Navigating the Green Transition: Evaluating the Cost-Effectiveness of EU Shipping Decarbonization Under Different Policies **Maria de OLIVEIRA LAURIN, Gonzalo OTT CRUZ** **Chalmers University of Technology/Lulea Technical University LTU**	Give me Equity or Give me Death: Contrasting Metrics for Multi-Objective Capacity Expansion Modeling **Jordan FRENCH** **University of Texas at Austin**
Assessment of shipping policies for energy transition: Fuel choices and Well-to-Wake environmental assessment using Integrated Energy System and Life Cycle Assessment Model. **Fayas Malik KANCHIRALLA** **Chalmers University of Technology**	Long-term heat storage and non-linear district heating behaviour in large-scale energy system modelling **Amos SCHLEDORN** **Technical University of Berlin**	Application Of Extended The Theory Of Planned Behavior On Renewable Energy Investment: Considering Multiple Environmental Policies Mixes **Shichang ZHANG** **Hong Kong University of Science and Technology**	Evolving Bilateral Shipping in Climate Scenarios: Coupling Econometrics with Integrated Assessment Model **Hesam NAGHASH** **Delft University of Technology**	Is nuclear power reliable: A comprehensive analysis of unplanned nuclear power outages **Xiaoming KAN** **Chalmers University of Technology**
Addressing long-term uncertainties in the Norwegian energy system: A cost-driven scenario generation approach **Celine PAGNIER** **Norwegian University of Science and Technology**	Assessing the economy-wide effect of localizing renewable energy value chains in South Africa **Julia TATHAM** **Energy Systems Research Group**	Energy Intensity and Green Investment Patterns: Evidence from Dutch Industrial Firms **Ingmar HEIKENS** **TNO**	Where, When, and Why: Electric Vehicle Charging Patterns that Support the Electricity System Transition **Siobhan POWELL** **ETH Zürich**	Accelerating offshore wind development enhances energy security and promotes carbon neutrality in China's coastal regions **Jiang LIN** **University of California, Berkeley**
High sensitivity to methodological choices when integrating social acceptance data in electricity system modeling **Evelina TRUTNEVYTE** **University of Geneva**	How feasible are modeled electricity system transition pathways to achieve zero CO2 emission target considering societal factors? An optimization-based modeling case study in 31 **Xin WEN** **University of Geneva**	Retrospective of Prospective Exercises: A Chronicle of Long-Term Modelling and Energy Policymaking in France **Nadia MAÏZI** **MINES Paris-Paris Science et Lettres University**	Techno-economic assessment of low-carbon ammonia as fuel for the maritime sector **Wouter Christiaan SCHREUDER** **University of Amsterdam**	Energy Poverty and Private Sector in Sub-Saharan Africa: Role of governance effectiveness **Thierry MESSIE PONDIE** **University of Lille**

Parallel Session 3

16:10 - 17:10, June 11 (Wed)

Traditional Japanese Noh Theater	Conference Room 1	Conference Room 2	Conference Room 3	Conference Room 4
Transition-Infrastructure	**Transition-Case Study**	**Transition-Global South**	**Critical Materials**	**Energy/Climate Policy**
Chair: TBD **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**
PyPSA-DE: Open-source German energy system model reveals savings from integrated planning for the energy transition **Michael LINDNER** **Technical University Berlin**	Assessing the disruptive uncertainties in carbon sequestration and utilization Finland's energy system net-zero transition **Farzin AHMADI** **Aalto University**	Strategic gas storage: A strategy to bolster India's energy security with energy transition **Bharat AGARWAL** **Oil and Natural Gas Corporation**	Critical Minerals Recovery Potential from Renewable Energy E-Waste: Opportunities and Challenges in Southeast Asia **Justin LARSON** **RTI International**	Green Alert: Collateral Constraints in the Low-Carbon Transition **Armon REZAI** **Vienna University of Economics and Business**
Maximal Electrification with a Minimal Methanol Economy: A Solution for Deep Decarbonisation **Tom BROWN** **Technical University Berlin**	Health Co-Benefits of Energy Transition: Evidence from Chinese counties **Yan GUO** **Chengdu University Of Technology**	Exploring global fuel price uncertainty in long-term energy-economic modelling: A two-world framework for national decarbonization planning **Tara CAETANO** **University of Cape Town**	Analysis of the global potential for recycling critical minerals from electric vehicle batteries in net-zero emissions scenarios **Ayami HAYASHI** **Research Institute of Innovative Technology for the Earth (RITE)**	Economic and Distributional Impacts of Carbon Pricing in Egypt **Govinda TIMILSINA** **World Bank**
Modeling the Impact of Hypothetical Power Trade Between Japan and Korea **Haein KIM** **Yonsei University**	Examining scenarios of low-carbon fuels exports from the United States with energy systems modeling **Aranya VENKATESH** **EPRI**	Computation of weighted average cost of capital (WACC) in the power sector for African countries and the implications for country-specific electricity technology cost **Brian MUKHAYA** **Clean Air Task Force**	Demand-side strategies can mitigate critical materials supply bottleneck in solar photovoltaic deployment: A dynamic integrated assessment framework **Yuning ZHANG** **Hunan University**	The Role of Projects of Common Interest in Reaching Europe's Energy Policy Targets **Bobby XIONG** **Technische Universitat Berlin**

Parallel Session 4

11:00-12:20, June 12 (Thr)

Traditional Japanese Noh Theater	Conference Room 1	Conference Room 2	Conference Room 3	Conference Room 4
Energy Modelling-Advancing Modelling Methodology	**Transition-Case Study**	**Transition-Economics**	**Energy Access, Poverty, Justice, Energy Security**	**Sectral Pathways-Transport**
Chair: TBD **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**
Shared Responsibilities and Information Asymmetry at the Energy Modelling-Policy Interface: A Principal-Agent Perspective **Franziska BOCK** **Delft University of Technology**	Committed oil projects lock African countries into additional economic losses **Rebecca DRAEGER** **Universidade Federal do Rio de Janeiro, Brazil(Coppe)**	Implications of Alleviating Unreliable Electricity Supply for Energy Poverty: Evidence from Households in Benin **Prudence DATO** **Clean Air Task Force**	The Energy Trade Network Structure and Risks **Marten BRIENEN** **Oklahoma State University**	The Effect of Subway Policies on Gasoline Consumption: Subway Expansion versus Fare Changes **Antung LIU** **Indiana University**
An Integration of Dynamic Input-Output Analysis and Power Expansion and Operation Planning Model for the Evaluation of the Effects of New Technologies **Shunsuke MORI** **Tokyo University of Science**	Multi-level emission impacts of electrification and coal pathways in China's netzero transition **Chen GONG** **Potsdam Institute for Climate Impact Research**	A quantitative framework for operationalizing the concept of a "just transition". Assessing and ranking household vulnerability to climate change and the green transition based on administrative **Berend HOPMAN** **TNO**	Analysis of Electricity and Fuel Supply Resilience in Japan under Fuel Import Disruptions using Stochastic Dynamic Programming **Yuto HONDA** **The University of Tokyo**	Are EVs Cleaner Than We Think? Consequential Emissions of Electric Vehicle Adoption Are Lower Than Short-run Marginal Emissions Rates Indicate **Qian LUO** **Princeton University**
Does myopic foresight modeling better capture real-world electricity system transition? Hindcasting in 31 European countries **Hui SHEN** **University of Geneva**	Transforming energy: Assessing green ammonia production as a sustainable alternative to electricity exports in Lao PDR **Vignesh SRIDHARAN** **Imperial College London**	Green Transitions in Coal-Dependent Economies: A Hybrid Computable General Equilibrium Analysis of the Czech National Energy and Climate Plan **Inaki VERUETE VILLEGAS** **Charles University Environment Center**	Assessment of energy security indicators in Japan transition scenarios for net-zero emissions **Miyuki NAGASHIMA** **Research Institute of Innovative Technology for the Earth (RITE)**	Energy Implications of Autonomous Vehicles Adoption: A Multinational Comparative Study of Public and Private Uses **Camila CALLEGARI** **Federal University of Rio de Janeiro(UFRJ)**
The water-energy-mineral-land nexus: An interlinked global model of LCIA and IAM applicable to this century **Koji TOKIMATSU** **Institute of Science Tokyo**		Comprehensive national accounting for CO2 emissions under decarbonization pathways **Rintaro YAMAGUCHI** **National Institute for Environmental Studies (NIES)**	Identifying the Spatial Synchronization Patterns of Wind Energy Droughts under Climate Change in China's Grids **Qing WU** **The University of Hong Kong**	Can the installation of photovoltaics motivate households to adopt battery electric cars? **Milan ŠČASNÝ** **Charles University**

Parallel Session 5

13:20 - 15:00, June 12 (Thr)

Traditional Japanese Noh Theater	Conference Room 1	Conference Room 2	Conference Room 3	Conference Room 4
CDR	**Transition-Case Study**	**Demand-Side Measures**	**Role of Hydrogen**	**Sectral Pathways-Industry, Sectral Pathways-Buildings**
Chair: TBD **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**
Carbon Capture and Storage in Indonesia's Energy Sector: A Least-Cost Optimization Approach **Anindhita** **Institute of Science Tokyo**	Net-zero compatible development pathways in Argentina, Brazil, China, India, Indonesia, Mexico and South Africa **Yann BRIAND** **Deep Decarbonization Pathways (DDP) Initiative Climate, Energy and Transport Expert**	Evaluating the Effectiveness of Muti-Sector Demand Response in Energy Planning Models **Trevor BARNES** **Simon Fraser University**	Integrated Assessment of Korea's Future Hydrogen Trade for the 2050 Carbon Neutrality Target **Jiwon KWUN** **Korea Advanced Institute of Science and Technology(KAIST)**	Green Steel in Europe: Technological and Distributional Transition **Sebastian OSORIO** **Potsdam Institute for Climate Impact Research (PIK)**
The potential of BECCS and e-fuel from Oil Palm Residues in Southeast Asia **Joni JUPESTA** **IPB University**	Integrating Aviation into Irelandâ€™s Carbon Budget: Pathways to Net-Zero in a Carbon-Constrained Future **Vahid ARYANPUR** **University College Cork**	A Choice Experiment study to assess social benefits from citizens' proactive participation in Renewable Energy Communities **Giacomo LAI** **University of Cagliari**	Advancing Local Energy Transitions: GIS-Based Optimization for Green Hydrogen Integration in Urban Systems **Stella Nadine STEIDL** **University Of Canterbury**	Climate Clubs, Competitiveness Concerns, and Alternative Correction Measures **Ramiro PARRADO** **Centro EuroMediterraneo sui Cambiamenti Climatici-CMCC**
Accounting for carbon capture solvent cost and energy demand in the energy system **Markus MILLINGER** **RISE-Research Institutes of Sweden**	Global perspectives on economy-wide net-zero energy systems: A comparative analysis between the U.S. and Japan **Anahi MOLAR-CRUZ** **EPRI**	PyPSA-BD for Strategic Power Sector Planning in Bangladesh with gradual Renewable Energy Penetration, end-use enhanced efficiency and demand-side flexibility **Firuz Ahamed NAHID** **Asian Institute of Technology(AIT)**	Optimizing hydrogen deployment: a hybrid approach for coordinating hydrogen valley design with global energy systems and local constraints and opportunities. **Charles TANO** **Mines Paris-PSL- EDF- IFPEN**	Building (or not building) Futuring Capacity in Japan's Energy and Climate Policymaking **Manuela HARTWIG** **The University of Tokyo**
Unpacking the bottlenecks of deploying Direct Air Capture at scale **Massimo TAVONI** **EIEE**	Can home solar PV users better adapt to price and temperature shocks? Evidence from Italy between 2021-2022 **Lucia PIAZZA** **Ca' Foscari University**	Global role of decentralized energy systems to decarbonize residential energy end-use **Arvind SRINIVASAN** **ETH Zürich**	Electricity- and Hydrogen-Driven Energy System Sector-Coupling in Net-Zero CO2 Emission Pathways **Bob van DER ZWAAN** **TNO**	Alleviating Energy Insecurity Through Clean Energy Technology **Xiaofeng YE** **University of Maryland**
Impact of long-term carbon budget uncertainty on the role of carbon dioxide removal in national energy transitions **Weipeng XIE** **University College Cork**	Regional Production Shift and Increased Utilization Dampen Coal Mine Methane Emissions in China **Jie ZHANG** **Lawrence Berkeley National Laboratory(LBNL)**	Peer Effects in Residential Energy Consumption **Kareman YASSIN** **Hitotsubashi University**	Exploring Hydrogen Trade Dynamics in South-East and East Asia under a 1.5°C Pathway **Maurizio GARGIULO** **E4SMA Srl**	

Parallel Session 6 & ETSAP

15:30 - 16:10, June 12 (Thr)

Traditional Japanese Noh Theater	Conference Room 1	Conference Room 2	Conference Room 3	Conference Room 4
ETSAP(TBD)	**Transition-Strategies**	**Transition-Infrastructure**	**Role of Hydrogen**	**Critical Materials**
Chair: TBD **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**
ETSAP **TBD** **TBD**	One Path to Rule Them All: Comparing Hydrogen, Biomass, and Electrification for Reaching Net Zero in New Zealand **Rafaella CANESSA** **University of Canterbury**	Feasibility Analysis of Nationwide Interconnected Electric Power Systems with an Optimal Power Generation Mix Model considering Data Center Power Demand **Naoki TANIGUCHI** **The University of Tokyo**	Optimizing Regional Hydrogen Energy Layout with Cost Variations in Renewable Hydrogen Production under Electricity-Hydrogen-Carbon Coupling **Yaxi LU** **Chengdu University of Technology**	Renewable Energy Deployment and Critical Minerals Scarcity in the Net-Zero Transition **Francesco DALLA LONGA** **TNO**
ETSAP **TBD** **TBD**	Optimizing the global heat pump supply chain for net-zero transition **Can CUI** **ETH Zurich**	How to reduce the cost of synthetic fuels? A robust assessment of the key cost reduction levers **Johannes BRAUER** **Deloitte**	Hydropower for Hydrogen: Locating Cost-Effective Production Sites in Laos **Lukas SCHIRREN** **Imperial College London**	Near-optimal solutions for long-term energy planning facing the possible critical raw materials supply disruption **Matteo NICOLI** **Università degli Studi di Torino**

Parallel Session 7

16:20 - 17:40, June 12 (Thr)

Traditional Japanese Noh Theater	Conference Room 1	Conference Room 2	Conference Room 3	Conference Room 4
Energy/Climate Policy, Circular Economy	**Transition-Case Study**	**Transition-Economics**	**Critical Materials**	**VRE**
Chair: TBD **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**
Simultaneous Tripling of Renewable and Nuclear Energy: Assessing Korea's Ambitious Clean Energy Goal using IPCC Scenario Database **Jiseok AHN** **Korea Institute of Energy Research**	Interactions between Climate Change Mitigation, Damages, and Adaptation: An Intertemporal Computable General Equilibrium Analysis for Ireland **Kelly DE BRUIN** **ESRI**	Energy Efficiency Pricing in Regulated Electricity Markets **Guiyoung JIN** **Hankuk University of Foreign Studies (HUFS)**	Raw materials for the green energy transition: Criticality of materials, technologies, and systems **Michaela SCHICHO** **Fraunhofer Institute for Systems and Innovation Research ISI**	Global Potential of Mine Photovoltaic Systems for Sustainable Energy Transition **Yang ZHANG** **Hong Kong University of Science and Technology**
Navigating uncertainty in the energy transition: Evaluating policy levers for robust decarbonization strategies **Antonio F. RODRIGUEZ-MATAS** **Comillas Pontifical University**	City energy transitions: Modelling policy alignments with sectoral integration at sub-city levels **Kushagra GUPTA** **Chalmers University of Technology**	Forest Sustainable and Economic Analysis Model (ForSEAM): Spatial and Temporal Optimization of Woody Biomass Harvesting for Low Carbon Resources **Lixia LAMBERT** **Oklahoma State University**	Sustainability in Energy Production: Water Recycle, Reuse and Resource Recovery **Somnath BASU** **Jewel Innovations in Energy and Environment**	Generalized levelized cost as a metric for explaining model behavior of linear programming-based energy systems models: Application to quantifying the integration costs of renewable **Takuya HARA** **IIASA, Toyota Motor Corporation**
Exploring Circular Economy Strategies for Decarbonizing Global Mobility Infrastructure **Volker KREY** **International Institute for Applied Systems Analysis (IIASA)**	Climate resiliency of high altitude hydropower of Nepal in a spatiotemporal resolution power sector model **Khem GYANWALI** **Tribhuvan University**	Carbon Emissions and the Transmission of Monetary Policy **Jose Nicolas ROSAS** **Universitat Pompeu Fabra**	Assessing Future Material Demand From The Power Sector Under Carbon And Water Constrained Scenarios, A Long-Term Study Conducted With Tiam-Fr **Marie, Thuong-Thuong CODET** **Center for Applied Mathematics-Mines Paris PSL**	A Spatiotemporally Resolved Optimization Model for Renewable Energy Integration to the Nigerian power system **Abayomi Ebenezer OLAWUMI** **Yokohama National University**
	Leaving Someone Behind: Coal Phase-Out in South Korea **Yeong Jae KIM** **KDI School of Public Policy and Management**	Trading models for Energy Communities: Optimisation of collective benefits under various scenarios for P2P trades **Laura WANGEN** **University Grenoble Alpes**	Towards Impact Assessment of Critical Minerals on Technology Choice in Light-Duty Vehicles **Atsuo KOMATSUBARA** **Toyota Central R&D Labs., Inc.**	Integrated Analysis of Variable Renewable Energy Deployment and Power Distribution in the Residential and Low-Voltage Sector **Ryosuke OSAWA** **The University of Tokyo**

Parallel Session 8

9:30 - 10:30, June 12 (Fri)

Traditional Japanese Noh Theater	Conference Room 1	Conference Room 2	Conference Room 3	Conference Room 4
VRE	**Sectral Pathways-Transport**	**Transition-Economics**	**Role of Hydrogen**	
Chair: TBD **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	**Chair: TBD** **Affliation: TBD**	
Larger, but not faster: Diffusion of onshore wind power in late-adopting countries **Yodefia RAHMAD** **Chalmers University of Technology**	Are Heavy-Duty Vehicles at a Crossroads? A Real Options and Innovation Di¤usion Perspective on Hydrogen Fuel Cell vs. Battery Electric trucks **Oana IONESCU** **GAEL, Université Grenoble Alpes, Grenoble INP**	Production- and Consumption-Based Emissions: An International Comparison **Cagacan DEGER** **Economic and Social Research Institute (ESRI)**	Soft-linking ESM to a CGE model: prospects for a low-carbon and renewable fuels–powered economy **Ahmed ELBERRY** **University of Amsterdam-TNO**	
Representing policies in probabilistic projections: The cases of solar PV and onshore wind power in Europe **Nik ZIELONKA** **University of Geneva**	Steering Toward Net-Zero: An Integrated Assessment Modeling of Autonomous Vehicles and their Impact on Energy and Emissions **Ahmed Sobhy Saleh MAHMOUD** **Korea Advanced Institute of Science & Technology (KAIST)**	Impact of the Irish carbon tax and the European Emissions Trading System on outdoor air pollution in Ireland **Kirsten EVERETT** **Economic and Social Research Institute (ESRI)**	The green hydrogen ambition and implementation gap **Adrian ODENWELLER** **Potsdam Institute for Climate Impact Research (PIK)**	
Analysis of Japan's Transition to Net-Zero Electricity through Large-Scale Integration of Variable Renewable Energy **Jubair SIEED** **Research Institute of Innovative Technology for the Earth (RITE)**	Modeling optimal charging and vehicle operation planning of electric light-duty trucks at a courier branch in japan **Tomoyuki YAMADA** **Central Research Institute of Electric Power Industry**	Economic Assessment on Asian International Competitiveness in 2030 Using a Global Energy-Economic Model **Takashi HOMMA** **Research Institute of Innovative Technology for the Earth (RITE)**	Domestic Low-carbon Hydrogen Production via Renewables and PPA in Japan **Tianhong ZHANG** **The University of Tokyo**	