

## OERC Symposium Day 1 Thursday 19th November 2020

9:00	Welcome/Mihi	
9:10	<b>Keynote: Dr Christophe McGlade, Senior Energy Analyst at the International Energy Agency (IEA), Paris</b>	
10:10	Morning tea	
10:40	<b>Session: One</b>	
10:40	Rafferty Parker	The impact of COVID-19 on EV driving behaviour: findings from Vector's Auckland EV trial
11:00	Ian Mason	Developing Offshore Wind in New Zealand: technical, socio-economic and environmental issues in relation to a post-pandemic future
11:20	Sea Rotmann	How has COVID-19 impacted hard-to-reach energy users?
11:40	Ellen Ozarka	New Zealanders' attitudes about collective action against climate change   the wake of COVID-19
12:00	Lunch	
13:00	<b>Keynote: Professor Frank Jotzo, Director of the Centre for Climate and Energy, Crawford School of Public Policy, Australian National University</b>	
14:00	<b>Session: Two</b>	
14:00	Mike Palin	Geothermal energy from extinct volcanoes: the Dunedin experiment
14:20	Hagen Bruggemann	CO2 as a Refrigerant: An Environmentally Friendly and Cost-Effective Solution for NZ businesses
14:40	Abdullah Abudayyeh	Copper Complexes of N-donor ligands as molecular catalysts for hydrogen production
15:00	<b>Session: Poster presentations</b>	
15:15	Poster viewings/Afternoon tea	
15:40	<b>Session: Three</b>	
15:40	Scott Willis	Climate Justice or Climate Ghettos: the complex social challenge in adaptive housing and our new energy future
16:00	Carsten Dortans	How do household electricity consumption patterns change after PV adoption?
16:20	Jason Mair	Building software systems to support interactively exploring energy data
16:40	Michael Jack	Quantifying the potential of ultra-efficient houses to reduce seasonal electricity demand and enable greater renewable supply
	Close	

## OERC Symposium Day 2 Friday 20th November 2020

9:00	<b>Keynote: Dr Rod Carr, Chairperson, Climate Change Commission</b>	
10:00	<b>Morning tea</b>	
10:30	<b>Session: One</b>	
10:30	Sean Connelly	Energy Transition in Taranaki: a 'Just Transition' for whom?
10:50	Ling Liao	The Role of Fundamentals and Policy in New Zealand's Carbon Prices
11:10	Tsani Rakhmah	Quantifying firm-Level Barriers to More Effective Private Sector Involvement in the Transition to Low Carbon Energy System
11:30	Craig Anderson	Sustainability lenses: alluding to the precautionary principle through energy use and agriculture.
11:50	<b>Lunch</b>	
12:50	<b>Session: Two</b>	
12:50	Davina Hunt	Re-imagining Energy Futures through School-University Community-Engaged Teaching and Learning Collaborations
13:10	Janet Stephenson	Energy trends in Dunedin - are we heading in the right direction? Results of the Dunedin Energy Study 2018-19.
13:30	Panel Discussion: Scott Willis (Blueskin Energy Ltd), Mike Barns (New Dunedin Hospital), Jim O'Malley (DCC Councillor, Infrastructure Services Committee), Robyn Zink (Enviroschools), Tim Ross (Architype (lead of Co-housing development)), Dougal McQueen (Aurora Energy), Greg Sise - Energy Link Ltd (TBC)	
15:30	<b>Best Student Presentation awards</b>	
15:40	<b>Close</b>	

### Poster Presentations

Helen Prime	Characterising Anti-ice and Anti-Frost Properties of Micropatterned Aluminium
Kirill Misiuk	Development of Coating-free Super Water-Repellent Aluminium Micro-Gradient Surfaces for Enhanced Water Management
Chris Hughes	Printed Heat Exchangers with Improved Drainage Properties via Surface Micropatterning
Faiza Arshad	Dynamics of water splitting kinetics by cyanobacteria; potential source of fuel
Anna O'Leary	Assessing of the real-world performance of low-e window films in commercial buildings using an infrared camera
Aminat Razaq	Using Domestic Hot Water Cylinders as an Energy Store to increase Variable Renewable Electricity Supply in Microgrids
Tupuivao Jr Vaiaso	Techno-economic analysis of options to achieve 100% Renewable Electricity for Samoa
Solis Norton	Net Energy Analysis of NZ Energy Sources: Will we have enough Energy in the Future?