	Start time			A 11 11		A 11 11		
		9.20am 9.30am W	Registration Velcome/Housekeeping	Registration		Registration		Registration
		9.30am W	Keynote Speaker	Welcome/Housekeeping Keynote: Prof. Phil Blythe , Chair: TBC		Welcome/Housekeeping Keynote: Prof. Phil Blythe, Chair: TBC		Welcome/Housekeeping Keynote: Prof. Phil Blythe, Chair: TBC
		10.50am	Break	Charging Station/Charging components, Chair: TBC		Policy, Economics and Social Acceptance of EVs-Regional/Country update on EVs - Chair: TBC		Vehicle design/Efficiency and Performance, Chair: TBC
	20.500111	20.500111	Dicak	Cyber Attack Detection for Integrated Onboard Electric Vehicle Chargers subject to Stochastic				
	10.50am	11.10am		10 Charging Coordination	65	STRATEGIC INTEGRATION OF ELECTRIC VEHICLES: AN AUSTRALIAN ANALYSIS	29	Performance Modelling of Electric Vehicle Operation
				Stochastic Modeling of Electric Vehicle Charging Behavior		QUALITY OF SERVICE EVALUATION AND FORECAST FOR EV CHARGING INFRASTRUCTURE RESIZING		Multi-objective Optimisation of Gear Ratios in Two Speed Dual Clutch Transmissions for Electric
	11.10am	11.30am		32	52	BASED ON REAL-WORLD DATA	30	Vehicles
	44 20	44.50	Parallel sessions	A conceptual representation of real-time and long-term decision-making in the roll-out and exploitation of public EV charging infrastructure in neighbourhoods		Regional Electric Vehicle Energy Consumption and Carbon Emissions in Great Britain	44	THERMAL-MECHANICAL ENERGY HARVESTING FOR EV THROUGH LIQUID-SOLID NANOTRIBOELECTRIFICATION
	11.30am	11.50am		38 exploitation of public EV charging infrastructure in neighbourhoods POSSIBILITY OF REDUCING THE EFFECTS OF HARMONIC DISTORTION IN FAST CHARGING	90	COMMERCIAL FLEET VECICLE ADDITIONS AND REPLACEMENTS AND POTENTIAL MARKET	44	
	11.50am	12.10am		46 TECHNOLOGIES FOR ELECTRIC VEHICLES	16	PENETRATION FOR ELECTRIC VEHICLES	48	Impact of ultrasonic and laser multi-welds on electro-thermal behaviours of battery tab interconnects
	11.500	11.100111			10	An autoregressive spatial stochastic frontier analysis to quantify the sales efficiency of the electric	40	
	12.10apm	12.30pm		73 12 Pulse High power Active Rectifier for Electric Vehicle Charging	15	vehicle market: An application to 88 demonstration cities in China		
Day 1	12.30pm	1.30pm	Lunch	Lunch		Lunch		Lunch
(21 June)	1.30pm	2.30pm	Keynote Speaker	Keynote: Prof. Cristina Corchero, Chair: TBC		Keynote: Prof. Cristina Corchero, Chair: TBC		Keynote: Prof. Cristina Corchero, Chair: TBC
				Lithium-ion battery, Chair: TBC		Vehicle design/Energy efficiency, Chair: TBC		Charging Station/Energy sources/P2G, Chair: TBC
				Degradation Abatement in Hybrid Electric Vehicles using Data-Driven Technique		INTEGRATED COOLING/HVAC SYSTEM DESIGN AND CONTROL STRATEGY FOR RECONFIGURABLE		Electrical Architecture for ultrafast charging station
	2.40pm	3pm			4	LIGHT ELECTRIC VEHICLE	36	
			Parallel sessions	STATE OF POWER ESTIMATION OF A LITHIUM-IN BATTERY FOR A FORMULA STUDENT		MAXIMIZATION OF ENERGY RECOVERY UNDER BRAKING THROUGH AN APPROPRIATE		DATA-DRIVEN MULTI-OBJECTIVE OPTIMISATION FOR ELECTRIC VEHICLE CHARGING
	3pm	3.20pm		VEHICLE VEHICLE	7	REGENERATIVE BRAKING LOGIC WHICH TAKES INTO ACCOUNT THE LOCKING LIMIT OF THE WHEELS	37	INFRASTRUCTURE
1	, i			Addressing Fire & Thermal Runaway Propagation Challenges in Electric Vehicles through		Calculation and Applieds of Hook I and of Automobile Adv Conditional		Integration of Drivers' Doubless into Life and Account of Plants Valid
	3.20pm	3.40pm		50 Materials Design	85	Calculation and Analysis of Heat Load of Automotive Air Conditioning	78	Integration of Drivers' Routines into Lifecycle Assessment of Electric Vehicles
			•					Investigation of A Cost-Effective Electric Vehicle Charging Station Assisted by A Photovoltaic Solar
	3.40pm	4pm	Break	Lithium-ion battery, Chair: TBC		Vehicle design/Electric motor, Chair: TBC	94	Energy System
	1.	l l		Mechanical characterization and modelling of lithium-ion batteries		EVALUATION OF THE ENVIRONMENTAL BENEFIT OF AN ECO-DESIGN STRATEGY ON THE LIFE CYCLE		
	4pm	4.20pm		68	61	ASSESSMENT OF A PERMANENT MAGNET HIGH SPEED ELECTRIC MOTOR		
	4.20pm	4.40pm	Parallel sessions	Exploring the Relationship between Temperature Gradients and Unbalanced Aging in Parallel- 92 Connected Cells of EV Battery Packs	62	Trends in High Voltage Inverter Systems		
	Lopiii	ториі		ANALYSIS OF ELECTRIC VEHICLES BATTERY AGEING ASSOCIATED TO SMART CHARGING	02	SLIDING MODE CONTROL DESIGN USING PWM MODULATION METHOD FOR INDUCTION MOTOR		
	4.40pm	5pm		71 CONTROLS	49	SPEED CONTROL		
	Start time	End time						
1		8.50am	Registration	Registration		Registration		Registration
1			Velcome/Housekeeping	Welcome/Housekeeping		Welcome/Housekeeping		Welcome/Housekeeping
	9am	10am	Keynote Speaker	Keynote: Prof. Anna Stephanopoulou, Chair: TBC		Keynote: Prof. Anna Stephanopoulou, Chair: TBC		Keynote: Prof. Anna Stephanopoulou, Chair: TBC
		10.20am	Break	Grid, Chair: TBC		Vehicle/Power-to-Grid (V2G/P2G), Chair: TBC		Policy, Economics and Social Acceptance of EV, Chair: TBC
1			•	COMBINING URBAN FLEET VEHICLE OPERATION WITH REDUCING ENERGY WASTAGE IN LIGHT		Systematic Review on Phase-Shift Optimization Strategies of Dual Active Bridge based DC-DC		THE USE OF ELECTRIC VEHICLES FLEET IN THE OPERATION OF AN ENERGY SECTOR COMPANY - THE
	10.20am	10.40am		23 RAIL SYSTEMS	22	Converter	3	CASE OF THE POLISH DSO
		L. I	Parallel sessions	Design of the Community-to-Vehicle-to-Community (C2V2C) for enhanced electro-mobility in		Diary-Based Evaluation of Bidirectional Electric Vehicle Charging In a Long-Term Study: Method and		Long-haul Electric Truck Routing with Coordinated Driver Schedule and Charging Activities: When and
	10.40am	11am		35 photovoltaic energy-sharing building communities The Pole of EV Parking Lets for Symposium the Distribution System Considering EV	28	Insights	8	Where to Charge
	11am	11.20am		The Role of EV Parking Lots for Supporting the Distribution System Operation Considering EV Uncertainties	41	EVs and their charging – in or out? User acceptance of bidirectional charging in Germany	18	ESTABLISHMENT OF THE NATIONAL CENTRE FOR E-VEHICLE & SUSTAINABLE TECHNOLOGY (EVST)
	114111	TT.ZUdM			41	Exploring the Feasibility of Battery Electric and Fuel Cell Electric Vehicles as Peaker Plant Substitutes	18	
	11.20am	11.40am		82 INDICATORS FOR PROVIDING CARBON IMPACT FEEDBACK FOR EV USERS	72	in Low Wind and Irradiation Conditions	91	Electric Truck Routing Optimization Based on Charging Restrictions and Driving Regulations
Day 2 (22 June)		12noon		·	86		96	Optimizing Infrastructure for Large-Scale Electrification of Trucks: A Fixed Route Approach
		1pm	Lunch	Lunch		Lunch		Lunch
	1pm	2pm	Keynote Speaker	Keynote: Prof. Kasheem Muttaqi, Chair: TBC		Keynote: Prof. Kasheem Muttaqi, Chair: TBC		Keynote: Prof. Kasheem Muttaqi, Chair: TBC
	1		· ·	Incentive and promotion of Evs, Chair: TBC	_	Battery Range/Efficiency/Management, Chair: TBC		Sustainable Electric Vehicle Design and Operation, Chair: TBC
		I I						
	2.10pm	2.30pm		5 Carrot or stick? How policy type influences consumer intention to purchase electric vehicles	9	THERMODYNAMICS, HEAT TRANSFER, AND RENEWABLE CHARGING OF ELECTRIC VEHICLES	6	APPLICATION OF SOLID OXIDE FUEL CELLS ON HYBRID ELECTRIC VEHICLES OPERATING IN FLEET
			Parallel sessions	5 Carrot or stick? How policy type influences consumer intention to purchase electric vehicles The Electric Vehicles in Developing Countries: Barriers and Sustainable Infrastructure for		THERMODYNAMICS, HEAT TRANSFER, AND RENEWABLE CHARGING OF ELECTRIC VEHICLES A COMPARATIVE STUDY OF NOVEL DESIGNS OF LIQUID-COOLED BATTERY THERMAL		APPLICATION OF SOLID OXIDE FUEL CELLS ON HYBRID ELECTRIC VEHICLES OPERATING IN FLEET Investigating the Impact of Electricity Rationing on Rural EV Charging
		2.30pm 2.50pm	Parallel sessions	5 Carrot or stick? How policy type influences consumer intention to purchase electric vehicles The Electric Vehicles in Developing Countries: Barriers and Sustainable Infrastructure for Energy.	9 27	THERMODYNAMICS, HEAT TRANSFER, AND RENEWABLE CHARGING OF ELECTRIC VEHICLES A COMPARATIVE STUDY OF NOVEL DESIGNS OF LIQUID-COOLED BATTERY THERMAL MANAGEMENT SYSTEMS	6	Investigating the Impact of Electricity Rationing on Rural EV Charging
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Day 3 (23 June)	2.30pm	2.50pm 3.10pm 3.30pm 3.50pm 4.10pm 4.30pm 4.30pm 4.30pm 4.10pm 4.30pm 10.20am 11.20am 11.120am 11.120am 11.120am 11.120am	Break Parallel sessions Registration Nelcome/Housekeeping Keynote Speaker Break Parallel sessions	5 Carrot or stick? How policy type influences consumer intention to purchase electric vehicles The Electric Vehicles in Developing Countries: Barriers and Sustainable Infrastructure for Energy. THE ONGOING ELETRIFICATION IN PUBLIC FLEET: LESSONS LEARNED FROM THE PUBLIC SAFETY ELETRIFICATION EXPERIENCE IN BRAZIL Incentive and promotion of Evs., Chair: TBC ELECTRIC VEHICLES IN NORWAY: ADOPTION AND RESEARCH OPPORTUNITIES. An optimal charging station investment strategy for eco-friendly wehicle manufacturers considering indirect network effects and competition between fuel cell and battery electric wehicles An optimal charging station investment strategy for eco-friendly wehicle manufacturers considering indirect network effects and competition between fuel cell and battery electric wehicles An overview on charging tariff schemes and incentives: the eCharge4Drivers project Registration Welcome/Housekeeping Keynote: Prof. Andrew Cruden, Chair: TBC Battery/Battery management and intermediate storage, Chair: TBC ENERGY MANAGEMENT STRATEGY TO LIMIT BATTERY DEGRADATION IN FUEL CELL ELECTRIC VEHICLES Design of Hybrid Energy Storage System for Heavy Electric Vehicle A circular business model innovation framework for the electric wehicle battery second life Uthium-ion Battery Packs State-of-Charge Estimation based on Optic Fibre and Equivalent Circuit Model Novel Loop Heat Pipe System for EV Thermal Management of Batteries: Effects of Ambient Temperatures Lunch	27 81 43 AS1 69 40 45 57	THERMODYNAMICS, HEAT TRANSFER, AND RENEWABLE CHARGING OF ELECTRIC VEHICLES A COMPARATIVE STUDY OF NOVEL DESIGNS OF LIQUID COOLED BATTERY THERMAL MANAGEMENT SYSTEMS Optimisation of Electric Vehicle Battery Size Battery Range/Efficiency/Management, Chair: TBC Electric Buses Battery Sizing Optimisation using an Agent-Based Modelling Approach Parametric study on lead-acid battery in an electric powertrain (Aston Uni) A Machine-Learning-Based Model for the Prediction of Energy Consumption in Electric Vehicles Registration Welcome/Housekeeping Keynote: Prof. Andrew Cruden, Chair: TBC Smart charging, Chair: TBC Controlled inductive charging of electric cars has the potential to increase the flexibility and stability of the energy system in Germany Electric vehicle charging flexibility from representative mobility data: The example of two datasets for passenger and commercial transport in Germany Cloud-based Electric Vehicle Routing Service for Urban Charging this with Multiple Aggregators Unlocking Inter-day Flexibility in Electric Vehicle Charging to Support Future Grids' High Renewable Integration AN ON-DEMAND VEHICLE-ASSISTED CHARGING MECHANISM FOR DRONES Lunch	14 54 24 93 AS3 33 35 55	Investigating the Impact of Electricity Rationing on Rural EV Charging Impact of Electric Safari Vehicles on the behavior of wildlife in Jhalana Reserve Forest, India Sustainable Electric Vehicle Design and Operation, Chair: TBC MAXIMIZING WIRELESS POWER TRANSMISSION FOR ELECTRIC VEHICLES WITH HIGH-INTENSITY LASER POWER BEAMING AND OPTICAL ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING THERMAL ENERGY STORAGE TO INCREASE THE RANGE OF ELECTRIC VEHICLES UNDER COLD AMBIENT CONDITIONS Registration Welcome/Housekeeping Keynote: Prof. Andrew Cruden, Chair: TBC Advanced Electric Vehicle Technologies and Components, Chair: TBC Modelling-based approach to design a PID controller in electric powertrains Analysis of Axial-Field Flux-Reversal Permanent-Magnet Magnetic-Differential Motors Using Different Iron Materials Multiple-Frequency Simultaneous Wireless Power Transmission for In-Vehicle Applications Feasibility study on Design and Implementation of Electric Motor Feedback Linearization Controller Design for Solid Oxide Fuel Cells Lunch
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An optimal charging station investment strategy for eco-friendly wehicle manufactures considering indirect network effects and competition between fuel cell and battery electric wehicles An overview on charging tariff schemes and incentives: the eCharge4Drivers project Registration Welcome/Housekeeping Keynote: Prof. Andrew Cruden, Chair: TBC Battery/Battery management and intermediate storage, Chair: TBC ENERGY MANAGEMENT STRATEGY TO LIMIT SATTERY DEGRADATION IN FUEL CELL ELECTRIC VEHICLES Design of Hybrid Energy Storage System for Heavy Electric Vehicle A circular business model innovation framework for the electric vehicle battery second life Lithium-ion Battery Packs State-of-Charge Estimation based on Optic Fibre and Equivalent Circuit Model Novel Loop Heat Pipe System for EV Themal Management of Batteries: Effects of Ambient Temperatures Lunch Keynote: Prof. Iryna Zenyuk, Chair: TBC Social acceptance of Evs., Chair: TBC A framework to explore policy to support adoption of electric vehicles in developing nations: A case study of Indonesia PROFITABILITY ANALYSIS FOR A SUSTAINABLE BUSINESS MODEL BASED ON SHARED E-MOVEDS IN TRANSITIONING ECONOMIES: A USE CASE BASED ON ACCRA HOW CAN SUSTAINABLE BUSINESS MODEL SAND INNOVATIVE VALUE CHAINS ACCELERATE THE TRANSFORMATION OF ELECTRIC Vehicles in Ghana CHARGING OF ELECTRIC Vehicles Social acceptance of EV, Chair: TBC ATTRACTIVENESS AND BUSINESS MODEL POTENTIAL OF THE SPOT MARKET OPTIMIZED CHARGING OF ELECTRIC Vehicles in Ghana	27 81 43 AS1 69 40 45 57 59 67 70 80 83	THERMODYNAMICS, HEAT TRANSFER, AND RENEWABLE CHARGING OF ELECTRIC VEHICLES A COMPARATIVE STUDY OF NOVEL DESIGNS OF ELIQUID. 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