

ECRES 2020 Attendee List

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12	A CLASSIFICATION TOOL FOR THE MOTION OF A PIEZOELECTRIC ENERGY HARVESTER VIA NEURAL NETWORK	Turkey	Kayhan Çelik
20	NUMERICAL INVESTIGATION OF HEAT TRANSFER AND PRESSURE DROP ON FIN-TUBE HEAT EXCHANGERS	Turkey	Aslan Erman
42	TRANSESTERIFICATION OF WASTE COOKING OIL USING BONE AND EGG SHELL MIXTURE AS A CATALYST	Iraq	Ali A. Jazie
47	INFLUENCE OF ELECTROLESS COATING OF NANO REINFORCEMENTS ON MAGNETIC PROPERTIES OF FECO ALLOY COMPOSITES	Iraq	Ali A. Jazie
50	EFFECT OF OPTIMIZED INTAKE MANIFOLD GEOMETRY ON BEHAVIORS AND EMISSION LEVEL OF H ₂ CNG FUELED ENGINE	Saudi Arabia	Rafaa Saaidia
66	AN FDTD-BASED SIMULATION STUDY ON DISTINGUISHING CHARACTERISTICS OF INVERTER SWITCHING AND PULSE FAULT DURING SUB-CYCLE TRANSIENT PERIOD	USA	Guomin Ji
67	LIMITATION OF FUNDAMENTAL ANALYTICS FOR FAULT TRANSIENTS ON PLANNING OF TRANSMISSION SYSTEMS WITH HIGH PENETRATION OF SOLAR PV RESOURCES	USA	Varun Perumalla
69	USING FLOATING-INTERLEAVING BOOST CONVERTERS FOR SMALL WIND ENERGY CONVERSION	Switzerland	Moncef Justin Lalou
72	COMPARISON AND ANALYSIS OF PERFORMANCE VALUES OF FIXED ANGLED SYSTEMS AND RADIATION TRACKING SYSTEMS IN SOLAR POWER PLANTS	Turkey	Saldamli Mehmet Ali
76	ON RENEWABLES AND THE RESILIENCE OF SOCIO-TECHNOLOGICAL ENERGY SYSTEMS	South Africa	Amadi-Echendu
80	CFD INVESTIGATION ON PISTON HEAD GEOMETRY EFFECT ON IN-CYLINDER FLOW FOR HYDROGEN FUELED ENGINE	Saudi Arabia	Rafaa Saaidia
81	RENEWABLE ENERGY UTILIZATION AND POLICIES OF TURKEY	Turkey	Ünalđı Gülizar Gizem
82	INVESTIGATION OF A FRANCIS TURBINE PERFORMANCE USING CFD AND SITE EFFICIENCY MEASUREMENTS	Turkey	Yagmur Tugba Unal
83	CFD ANALYSIS OF THE EFFECT OF H ₂ CNG BLEND NATURE ON IN-CYLINDER FLOW	Saudi Arabia	Haider Almusallm
86	EFFECT OF MOLAR FRACTION OF THE INTRINSIC LAYER ON THE PIN STRUCTURE FOR SOLAR CELL BASED AN INDIUM GALLIUM NITRIDE USING AMPS-1D	Algeria	Mousli Latifa
90	STOCHASTIC OPTIMAL CONTROL OF RENEWABLE ENERGY	Saudi Arabia	Renzo Miguel Caballero Rosas
91	PERFORMANCE ANALYSIS OF A PARABOLIC THROUGH CONCENTRATOR WITH A CURVED SECONDARY REFLECTOR	Algeria	Bouali Belkacem
93	UPGRADING OF PERFORMANCE OF AIR TO AIR HEAT PIPE HEAT EXCHANGER BY USING CUO+ZNO HYBRID NANO FLUID	Turkey	Kerim Martin
94	EXPERIMENTAL INVESTIGATION OF THE USE OF MGO+ZNO MIXTURE IN THERMOSIPHON TYPE HEAT PIPES WITHIN THE SCOPE OF AIR-TO-AIR HEAT EXCHANGER DESIGN	Turkey	Kerim Martin
95	METHOD OF DETERMINING A RATIONAL DESIGN REFRIGERATION CAPACITY OF OUTDOOR AIR CONDITIONING SYSTEMS	Ukraine	Mykola Radchenko
98	THE IMPACT OF EXTREME WEATHER ON ELECTRICITY DEMAND FROM HOMES HEATED BY AIR SOURCE HEAT PUMPS	Ireland	Chesser Michael
107	RESEARCH OF CHARACTERISTICS OF THE FLOW PART OF AN AEROTHERMOPRESSOR FOR GAS TURBINE INTERCOOLING AIR	Ukraine	Dmytro Konovalov
114	DYNAMIC ANALYSIS OF TRI-FLOATER WITH VERTICAL AXIS WIND TURBINE SUPPORTED AT ITS CENTROID	India	M. Abdul Akbar
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119	IMPLEMENTATION OF 30KHZ SINUSOIDAL CURRENT GENERATOR BY USING GAN-FET	Taiwan	Zi-Yu Lin
123	WIND POWER FARMS MODELED BASED ON THE WAKE EFFECT	Romania	Victorita Radulescu
124	FREQUENCY AND VOLTAGE CONTROL OF SEIG-WT SYSTEM	Iraq	Nasir Bilal Abdullah
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137	FEATURES OF MOBILE PLATFORMS' EQUIPMENT SECOND ORDER DIGITAL FREQUENCY-DEPENDENT COMPONENTS PHASE-FREQUENCY RESPONSE AT TUNING	Ukraine	Hanna Ukhina
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145	INFLUENCE OF TRAFFIC AND ROAD SURFACE PROPERTIES ON ELASTIC BEHAVIOR OF LAYERED PAVEMENTS	Spain	Roldán-Oliden P.
147	SUPER TWISTING ALGORITHM- BASED DISCRETE-TIME CONTROL OF INDUCTION MOTOR	Algeria	Farhi Salah Eddine
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153	INTERRUPTION-LESS CHARGING OF PLUG-IN ELECTRIC VEHICLES USING THE GRID-CONNECTED PHOTOVOLTAIC SYSTEM	Pakistan	Arslan Dawood Butt
154	HOW DO STUDENTS' COMPETITIONS LIKE SOLAR DECATHLON INCREASE RENEWABLE ENERGY AWARENESS AND WHO DOES BENEFIT?	United Arab Emirates	Liudmila Cazacova
158	MAPPING THE SOLAR ROOF POTENTIAL OF THE NORTH CAMPUS BUILDINGS AT THE UNIVERSITY OF ALBERTA	Canada	Joseph Nofech

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162	BOOSTING THE ELECTRIC OUTPUT OF A CANTILEVER PIEZOELECTRIC HARVESTER BY TIP CURVATURE BLOCKING ELEMENTS	Romania	Claudia Irina Borzea
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177	NUMERICAL MODELING OF A NEW WIND FARM BASED ON LOCAL MEASURED ENVIRONMENTAL PARAMETERS	Romania	Victorita Radulescu
181	ENERGY AND EXERGY ANALYSIS OF SOLAR BASED HYDROGEN PRODUCTION BY HELIOSTAT FIELD AND PARABOLIC TROUGH COLLECTOR	Turkey	Alper Karakoç
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195	THD ANALYSIS FOR A PMSG WITH DIFFERENT MAGNET STRUCTURE	Turkey	Adem Dalcalı
199	1D MODELING OF OLIVE OIL MILL WASTEWATER EVAPORATION WITH A PARABOLIC TROUGH SOLAR COLLECTOR	Turkey	Özel Binboğa
202	HIGH VOLTAGE SOLAR INVERTER STRUCTURES	Turkey	Ahmet Yıldız
203	NUMERICAL SIMULATION OF AN ON-GRID NATURAL GAS PEMFC - SOLAR PHOTOVOLTAIC MICRO CHP UNIT: AN ENERGY AND FINANCIAL ANALYSIS FOR RESIDENTIAL AND INDUSTRIAL APPLICATIONS	Brazil	Florian Pradelle
212	NAVIER-STOKES-MAXWELL EQUATIONS FOR MHD EFFECTS WITH TURBULENT FLOW IN ADVANCED ARIES-RS FUSION TECHNOLOGY	Iran	Rezvan Rezaeizadeh
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216	ECO-TOXIC METAL POLLUTION IN SURFACE WATER AND ITS SUITABILITY FOR IRRIGATION AROUND A LIGNITEFIED THERMAL POWER PLANT IN TURKEY	Turkey	Onur Metin
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220	THE EFFECTS OF BOUNDARY LAYER TRANSITION ON THE OVERALL EFFICIENCIES OF WIND TURBINES	Turkey	Sercan Acarer
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239	A WIND EMULATOR ASSOCIATED WITH DOUBLY-FED INDUCTION GENERATOR	Algeria	Hallouz Mohamed
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241	CHB CONVERTER WITH BBESS SUPPORT FOR LARGE SCALE PHOTOVOLTAIC POWER PLANTS	Spain	Álvaro Pérez Mayo
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258	MICROCONTROLLER-BASED, LOW COST IMAGE-GUIDED SOLAR TRACKING	Mauritius	Rughooputh Hridayesh Deepak
259	NUMERICAL INVESTIGATION OF NACA 2412 AIRFOIL USING CFD TECHNIQUE	Turkey	Akkaya Kerim
260	FIRE MODELLING AND SMOKE EXTRACTION IN THE ENCLOSED CAR PARK ZONE USING CFD TECHNIQUE	Turkey	Akkaya Kerim
261	DEVELOPMENT OF HEMP SHIVE WALLBOARD WITH INTEGRATED PHASE CHANGE MATERIAL	Latvia	Edgars Kirilovs
262	PERFORMANCE EVALUATION OF POWER CONVERTERS & ARTIFICIAL INTELLIGENCE BASED MPPT TECHNIQUES IN GRID-TIED PV SYSTEMS	United Arab Emirates	Vidhya K Viswambaran
265	SUITABLE SITE SELECTION TO WIND POWER PLANTS FOR ENVIRONMENTAL AND SOCIAL IMPACTS BY USING GIS AND MCDM: A CASE STUDY DEVELI KAYSERI	Turkey	Fatih Karipoğlu
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276	MACHINE LEARNING MODELS FOR PREDICTING PV GENERATED POWER	Bulgaria	Alexander Ivanov
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278	SIMULATIVE EVALUATION OF TRIBOELECTRIC POLYMER PAIRS IN VERTICAL CONTACT MODE	Algeria	Shimna Shafeek
279	THEORETICAL STUDY ON PRESSURE EFFECTS ON PHYSICAL PROPERTIES OF SEMICONDUCTOR COMPOUND LICDP	Turkey	Yasemin Öztekin Çiftci
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285	KINATION- STUDENTS' EXPLORATION OF A FUTURE RENEWABLE ENERGY SOURCE	Bulgaria	Georgi Karavasilev
287	3D FLOW SIMULATION OF A HORIZONTAL AXIS WIND TURBINE WITH A FLAT PLATE ON PRESSURE SIDE	Turkey	Mustafa Serdar Genç
289	FLOW-INDUCED MECHANICAL ANALYSIS OF A HORIZONTAL AXIS WIND TURBINE WITH A FLAT PLATE ON PRESSURE SIDE	Turkey	Tuna Murat Bodur
290	IMAGE-BASED WATER LEVEL ESTIMATION FOR REDUNDANCY INFORMATION USING CONVOLUTIONAL NEURAL NETWORK	Brazil	Galvão Filho Arlindo Rodrigues
291	A PRELIMINARY IN-SITU MEASUREMENT AND SIMULATION OF THE PERFORMANCE OF GROUND-COUPLED HEAT EXCHANGER SYSTEM IN THE TROPICAL CONTEXT OF MAURITIUS	Mauritius	Gooroochurn Mahendra
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294	THE PLASMA SYSTEM WITH INP PHOTODETECTOR	Turkey	H. Hilal Kurt
295	THE ELECTRON CURRENT DENSITY PATTERNS IN SEMICONDUCTOR-GAS DISCHARGE SYSTEM	Turkey	H. Hilal Kurt
296	THE CHARACTERISTIC FEATURES OF THE COLD PLASMA WITH ZNSE ELECTRODE	Turkey	H. Hilal Kurt
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