

26 APRIL 2019 FRIDAY

08:30-17:00 : REGISTRATION

MAIN HALL : OPENING CEREMONY

09:40 – 10:00

Welcome Speech : Prof. Dr. Uğur ATIKOL / Eastern Mediterranean University
Conference Chair

HALL 1/ KEYNOTE SPEECH A

10:00 – 10:40	Prof. Dr. Mete TAYANÇ Climate Change And Energy
---------------	--

10:40 – 11:00	COFFEE / TEA BREAK
---------------	--------------------

HALL 1 / SESSION A

SESSION CHAIR	Prof. Dr. Melda Çarpınoğlu	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
11:00 – 11:20	FCEL-19-01- NEW TRENDS IN PEM FUEL CELL MATERIALS: PROTON EXCHANGE MEMBRANES	Gamze Karanfil
11:20 – 11:40	FCEL-19-02- INVESTIGATION OF THE EFFECTS OF OPERATING CONDITIONS ON PEM FUEL CELL PERFORMANCE USING CFD MODELING	Safiye Nur Özdemir, İmdat Taymaz
11:40 – 12:00	STOR-19-03- STUDY OF KINETIC PROPERTIES OF THE NEGATIVE LaY ₂ Ni ₉ ELECTRODE / KOH ELECTROLYTE INTERFACE THROUGH BOTH THE ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY AND POTENTIODYNAMIC POLARIZATION METHODES	Yassine Ben Belgacem, Chokri Khaldi, Jilani Lamloumi
12:00 – 12:20	STOR-19-02- HYDROGEN STORAGE PROPRIETIES OF LaY ₂ Ni ₉ and CeY ₂ Ni ₉ ALLOYS USED AS ANODES FOR NICKEL-METAL HYDRIDE BATTERIES	Yassine Ben Belgacem, Chokri Khaldi, Jilani Lamloumi

12:20 – 13:30	LUNCH
---------------	-------

HALL 1 / SESSION B

SESSION CHAIR	Assoc. Prof. Dr. Bülent Oktay Akkoyunlu	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
13:30 – 13:50	SUST-19-01- SUSTAINABLE ENERGY AND VULNERABILITY OF THE ENERGY PLANTS OF EXTREME EVENTS' HAZARDS	Ivan Ivanov
13:50 – 14:10	SUST-19-02- ENVIRONMENTAL IMPACT ASSESSMENT OF ELECTRICITY GENERATION IN TURKEY	Gülşah Yılan, Eren Yıldız-Geyhan, Gökçen A. Çiftçioğlu, M.A.Neşet Kadırgan
14:10 – 14:30	SUST-19-03- ASSESSING THE IMPORTANCE OF ENERGY MANAGEMENT IN SMART HOMES	Kiyan Parham, Mina Farmanbar, Chunming Rong, Øystein Arild
14:30 – 14:50	GRID-19-01- INVESTIGATION OF LOW VOLTAGE RIDE THROUGH LIMITATIONS IN TERMS OF RENEWABLE ENERGY	Semich Impram, Secil Varbak Nese, Bülent Oral

GREEN PARK BOSTANCI HOTEL - ISTANBUL / TURKEY

15:50 – 16:10	PHOT-19-02- COMPARISON OF I-V CURVES OF PHOTOVOLTAIC PANELS BY USING PASSIVE COOLING METHOD	Fatih BAYRAK, Hakan F. ÖZTOP , Fatih Selimefendgil
---------------	---	---

16:10 – 16:30	C O F F E E / T E A B R E A K	
---------------	--------------------------------------	--

HALL 1 / SESSION C

SESSION CHAIR	Dr. Kiyan Parham	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
16:30 – 16:50	GASF-19-01-ON THE FEASIBILITY OF MICROWAVE PLASMA TECHNOLOGY FOR COAL GASIFICATION	Melda Özdiç Çarpınlioğlu
16:50 – 17:10	WAST-19-01- INVESTIGATION OF CO-PYROLYSIS OF CHESTNUT SHELL AND WASTE TIRE WITH THERMOGRAVIMETRIC ANALYSIS	E. Pehlivan, Ümran İrem Temiz
17:10 – 17:30	STOR-19-01- DESIGNING AND NUMERICAL ANALYSIS OF A HIGH PRESSURE HYDROGEN STORAGE TANK	Mustafa İlbaş, Sadri Canozan Yıldırım, Büşra Özdemir , Berre Kümük
17:30 – 17:50	NANO-19-02- ENHANCED CARBON NANOFIBERS FOR SUPERCAPACITOR APPLICATIONS	Ümran Kurtan , Utkan Şahintürk, Hamide Aydın
17:50 – 18:10	NANO-19-01- NUMERICAL STUDY OF CNT-WATER NANOFLUID CONVECTION IN AN ELLIPTIC PIPE	Fatih Selimefendgil, Hakan F. Öztop

27 APRIL 2019 SATURDAY

08:30-17:00 : REGISTRATION

HALL 1 / KEYNOTE SPEECH B

09:30 – 10:10	Prof. Dr. Birol KILKIŞ Game-Changers in Energy and Environment: Exergy Destructions and CO ₂ Emissions in the Built Environment
---------------	---

10:10 – 10:30	COFFEE / TEA BREAK
---------------	--------------------

HALL 1 / SESSION D

SESSION CHAIR	Prof. Dr. Ivan Ivanov	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
10:30 – 10:50	RENW-19-01- ROLE OF SOLAR AND WIND POWER IN THE RENEWABLE ENERGY FUTURE OF TURKEY	Berrin Kurşun
10:50 – 11:10	BUILD-19-01-PERFORMANCE OF ENERGY RECOVERY VENTILATORS IN THE MENA REGION	Rafat Al-Waked, Diala Bani Mostafa
11:10 – 11:30	ARCH-19-01-THE INFLUENCE OF GLAZED FACADE MATERIALS, BUILDING ORIENTATION, WWR, AND ASPECT RATIO ON BUILDINGS ENERGY CONSUMPTION IN HIGH-RISE OFFICE BUILDINGS IN ERBIL CITY	Hawkar Shakir Menka, Ercan Hoşkara
11:30 – 11:50	ARCH-19-02- SUSTAINABLE HOTEL BUILDING INDICATORS: A CASE OF NORTHERN CYPRUS	Soad Abokhamis Mousavi
11:50 – 12:10	ARCH-19-03- ENERGY EFFICIENT BUILDING DESIGN: FRONTIERS AND OUTLIERS	Burcu Çiğdem Yılmaz, Yiğit Yılmaz

12:10 – 13:30	LUNCH
---------------	-------

HALL 1 / SESSION E

SESSION CHAIR	Prof. Dr. Birol Kilkış	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
13:30 – 13:50	ECON-19-03- ECONOMICS OF EFFICIENT ELECTRICITY GENERATION AND DESALINATION BY SMALL MODULAR REACTOR	Parth Prajapti, Vishal Dhakane, Smit Shah, Manish Kumar
13:50 – 14:10	ECON-19-02- ECONOMIC FEASIBILITY OF BIOENERGY PRODUCED FROM ANIMAL MANURE IN JORDAN	Zummurd A. AL
14:10 – 14:30	ECON-19-01- MODEL PROPOSAL FOR ELECTRICITY MARKET DAY-AHEAD MARKET PRICE FORECASTING	Taha Taşdemir, Mehmet Kabak
14:30 – 14:50	RENW-19-02- THERMAL PERFORMANCE OF A NOVEL COLLECTOR INTEGRATED OVAL SOLAR TANK (CIOST)	Selin Erdoğan, Özgür Bayer

GREEN PARK BOSTANCI HOTEL - ISTANBUL / TURKEY

14:50 – 15:10	POSTER SESSION PHOT-19-01- GENERAL OVERVIEW OF GLOBAL AND TURKISH SOLAR PHOTOVOLTAIC (PV) MARKET – Cenk Sevim
----------------------	--

15:10 – 15:30	COFFEE / TEA BREAK
----------------------	---------------------------

HALL 1 / SESSION F

SESSION CHAIR	Assoc. Prof. Dr. Rafat Al-Waked	
TIME	PAPER TITLE	PRESENTER / CO AUTHOR
15:30 – 15:50	MISC-19-01- QUANTUM NEURAL NETWORKS DRIVEN BY INFORMATION RESERVOIR	Deniz Türkpençe, Ufuk Korkmaz , Ramazan Çağlar, Tahir Çetin Akıncı, Serhat Şeker
15:50 – 16:10	MISC-19-03-CONJUGATE HEAT TRANSFER BY NATURAL CONVECTION AND SURFACE RADIATION IN A RECTANGULAR ENCLOSURE WITH DISCRETE HEATERS	Zerrin Sert , Çisil Timuralp, Sadık Karadugan
16:10 – 16:30	HXGR-19-01- STIRLING REFRIGERATOR EMPLOYING A JET-IMPINGEMENT HEAT EXCHANGER	Orhan Ekren , Serdar Çelik
16:30 – 16:50	WIND-19-01-EFFECTS OF NUMERICAL WEATHER PREDICTIONS ON WIND POWER FORECASTS	İrem Işık Çetin , Prof. Dr. İsmail Yücel, Yüksel Malkoç

16:50 – 17:00	CLOSING CEREMONY
----------------------	-------------------------