

Time	Wednesday 9th May (Day 1)			
08:00-09:00	Registration			
	Venue: Salamis			
09:00-09:05	Prof. Dr. Uğur Atikol, <i>Director of Energy Research Center</i>			
09:05-09:10	Prof. Dr. Ziya Arnavut, <i>Chair of Department of Information and Computer Science of SUNY Fredonia</i>			
09:10-09:15	Prof. Dr. Hongtan Liu, <i>Director of Clean Energy Research Institute</i>			
09:15-09:20	Prof. Dr. Necdet Osam, <i>Rector of EMU</i>			
09:20-09:30	Mr. Özdil Nami, <i>Minister of Economy and Energy</i>			
09:20-09:40	Mr. Mustafa Akıncı, <i>President of TRNC</i>			
09:45-10:30	Keynote Speaker: Dr. Petra Bele , Associate Editor of "Fuel Cells-From Fundamentals to Systems"			
10:30-11:00	Coffee Break			
11:00-12:30	Session 1: Solar Energy Applications, Venue: Salamis (Chair: İbrahim Sezai)	Session 2: Sponsor Presentations, Venue: Namık Kemal	Session 3: Hydrogen Production and Storage, Venue: Kantara (Chair: Mustafa İlkan)	Session 4: Fuel Cells, Venue: St Barnabas (Chair: Hongtan Liu)
11:00-11:18	SOLR-01: PERFORMANCE EVALUATION OF A PARABOLIC TROUGH COLLECTOR USING OIL-BASED GREEN-SYNTHESIZED NANOFUIDS		HYPR-02: EFFECT OF PROCESS PARAMETERS FOR ENHANCED BIOHYDROGEN PRODUCTION FROM VINASSE	FCEL-01: A STUDY ON PERFORMANCE OF COOLING FLOW FIELD WITH TRAPEZOID-SHAPE CHANNELS IN PEM FUEL CELL
11:18-11:36	SOLR-03: 4E ANALYSES AND SUSTAINABILITY INDEX OF LINEAR FRESNEL REFLECTOR		HYPR-03: POWER LAW KINETIC MODEL FOR SYNTHESIS OF SODIUM AMIDOBORANE (NaNH ₂ BH ₃)	FCEL-12: ALONG-THE-CHANNEL MODELING OF POLYMER-ELECTROLYTE FUEL CELLS
11:36-11:54	SOLR-05: TECHNICAL AND ENVIRONMENTAL EVALUATION OF HEAT TRANSFER FLUIDS USED IN SOLAR POWER TOWERS	Presentations by experts from WARTSILA	HYPR-04: AGGLOMERATED Co-Cr/SBA-15 CATALYSTS FOR HYDROGEN PRODUCTION TROUGH ACETIC ACID STEAM REFORMING	FCEL-03: SYNTHESIS, CHARACTERIZATION OF SEPIOLITE AND KAOLINITE ADDED, THERMALLY CROSSLINKED SULFONATED POLY (ETHER ETHER KETONE) INORGANIC-ORGANIC COMPOSITE MEMBRANES FOR PROTON EXCHANGE MEMBRANE FUEL CELL APPLICATIONS
11:54-12:12	SOLR-06: A NOVEL TECHNOLOGY FOR DEWATERING AND PASTEURIZATION OF DIGESTED WATER SEWAGE SLUDGE UTILIZING CONCENTRATED SOLAR ENERGY		HYST-01: HYDROGEN STORAGE PROPERTIES OF MECHANICALLY ALLOYED TI-V-MN BODY-CENTERED-CUBIC ALLOYS	FCEL-04: INCREASE OF MASS TRANSPORT LOSS IN POROUS MEDIA CAUSED BY CARBON CORROSION IN PEM FUEL CELLS
12:12-12:30	HYPR-05: SOLAR-ELECTROCATALYTIC PRODUCTION OF H ₂ AND S FROM TOXIC H ₂ S BY In ₂ S ₃ /AgI ₃ PHOTOANODE COUPLED I-/I ₃ - CYCLIC REDOX SYSTEM		HYST-02: INVESTIGATION OF CATALYST FOR THE SYNTHESIS OF HYDRAZINE BORANE AS HYDROGEN STORAGE MATERIAL	FCEL-05: EFFECTS OF SUPPORT TYPE ON A 3-D CFD MODELLED HYDROGEN FED PLANAR SOFC
12:30-13:30	Lunch Break			
13:30-15:00	Session 1: Energy and Architecture, Venue: Salamis (Chair: Ayşe Öztürk)	Session 2: Photovoltaics, Venue: Namık Kemal (Chair: Mustafa İlkan)	Session 3: Biofuels and Combustion, Venue: Kantara (Chair: Keyvan Bahlouli)	Session 4: Electric Network and Consumption, Venue: St Barnabas (Chair: Murat Fahrioğlu)
13:30-13:48	ARCH-01: THE FEASIBILITY OF USING ROOF GARDENS IN NABLUS AS A CASE STUDY	PVLT-02: TECHNO-ECONOMIC AND PERFORMANCE COMPARISON OF PV INSTALLATION IN DIFFERENT LOCATION IN NORTHERN IRAQ	BIOF-02: PERFORMANCE AND EXHAUST EMISSION ANALYSIS OF HHO ENRICHED BIO-DIESEL FUEL BLENDS USAGE IN A SINGLE CYLINDER CI ENGINE	ELEC-01: BENCHMARKING THE ELECTRICITY USAGE INTENSITY OF BANKING SECTOR BUILDINGS IN PAKISTAN
13:48-14:06	ARCH-04: ENERGY EFFICIENCY REQUIREMENTS IN DESIGNING HYDROTHERAPY BUILDINGS IN IRAN	PVLT-03: COMPARISON OF PV+THERMAL SYSTEM AND PV/T SYSTEMS IN TERMS OF TECHNO-ECONOMIC PERFORMANCE AT THE SAME ROOF AREA	BIOF-03: MICROALGAE CULTURE DEVELOPMENT IN BIOLOGICALLY TREATED WATER OF POULTRY SLAUGHTERHOUS	ELEC-02: ELECTRIC POWER CONSUMPTION MODEL FOR PALESTINE HOUSE STROKE
14:06-14:24	ARCH-05: TOWARDS NEARLY ZERO-ENERGY BUILDINGS: THE POTENTIAL OF PHOTOVOLTAIC-INTEGRATED SHADING DEVICES TO ACHIEVE AUTONOMOUS SOLAR ELECTRICITY AND ACCEPTABLE THERMAL COMFORT IN NATURALLY-VENTILATED OFFICE SPACES	PVLT-04: DESIGN OF A PHOTOVOLTAIC POWER AND HYDROGEN BASED STAND-ALONE HYBRID RENEWABLE ENERGY SYSTEM ON A MOBILE PLATFORM	BIOF-05: EFFECT OF K, Co AND Mo ADDITION IN Fe-BASED CATALYSTS FOR AVIATION BIOFUELS PRODUCTION BY FISCHER-TROPSCH SYNTHESIS	ELEC-03: THE OPTIMIZED ARTIFICIAL NEURAL NETWORK BASED ESTIMATION OF ELECTRICITY GENERATION OF TURKEY
14:24-14:42	ARCH-06: PASSIVE SOLAR SYSTEM POTENTIAL ANALYSES FOR ADAPTATION IN COLD-DRY CLIMATE ARCHITECTURE AT ISLAMIC AZAD UNIVERSITY OF BONAB, IRAN	PVLT-07: A METHODOLOGY TO SELECT BEST SIZE PV PANEL FOR SOLAR PHOTOVOLTAIC POWERED STREET LIGHTING SYSTEMS	COMB-04: AN EXPERIMENTAL STUDY ON EFFECT OF SWIRL NUMBER AND GAS COMPOSITION ON COMBUSTION AND EMISSION BEHAVIOR OF PREMIXED H ₂ /CO/CNG BLENDING SYNTHETIC GAS FLAMES IN A NOVEL COMBUSTOR	MANG-02: THE EFFECT OF MESSAGING SECURITY ON THE DEMAND RESPONSE PROGRAMS
14:42-15:00			COMB-05: EFFECT OF CO ₂ DILUTION ON PREMIXED H ₂ /CO/CNG BLENDING SYNTHESIS GAS FLAMES	
15:00-15:30	Coffee Break			
15:30-16:42	Session 1: Energy Networks, Venue: Salamis (Chair: Reinhard Haas)	Session 2: Advanced Vehicles, Venue: Namık Kemal (Chair: Hasan Demirel)	Session 3: Multigeneration Systems, Venue: Kantara (Chair: Devrim Aydın)	Session 4: Energy Management, Venue: St Barnabas (Chair: Amir Mirlatifi)
15:30-15:48	ECON-03: HEADING TOWARDS CLEAN, SUSTAINABLE AND COMPETITIVE ELECTRICITY SYSTEMS	EVEH-01: OVERVIEW OF BATTERY CHARGER TOPOLOGIES IN PLUG-IN ELECTRIC AND HYBRID ELECTRIC VEHICLES	MULT-02: A CASE STUDY: LIFE CYCLE COST ASSESSMENT OF A GEOTHERMAL BASED COMBINED MULTIGENERATIONAL SYSTEM FOR HYDROGEN AND POWER GENERATION	MANG-04: THE EFFECTS OF UNFORESEEN CHANGES IN AGGREGATED LOAD SCHEDULING ON TRANSMISSION SYSTEM OPERATION
15:48-16:06	RENW-01: TECHNO-ECONOMIC FEASIBILITY OF PV/WIND-BATTERY STORAGE: CASE ANALYSIS IN ZIMBABWE	ECON-04: ENERGY ECONOMICS IN PASSENGER CAR TRANSPORT	MULT-03: A MULTI-HEURISTIC SYSTEM FOR OPTIMIZING THE AMMONIA-WATER POWER/COOLING CYCLE COUPLED WITH AN HCCI ENGINE	MANG-05: A NOVEL APPROACH TO TARIFF DESIGN AND CUSTOMER CLASSIFICATION IN DEMAND SIDE MANAGEMENT APPLICATIONS
16:06-16:24	POLC-06: SOCIOECONOMIC SPILL OVERS OF THE EUROPEAN ELECTRICITY NETWORK DEVELOPMENT PLAN	EVEH-02: COMPARATIVE SIMULATION ANALYSES ON ENERGY FLOW CHARACTERISTICS OF DIFFERENT HEV CONFIGURATIONS	MULT-04: THERMODYNAMIC ANALYSIS OF A NOVEL SOLAR CENTRAL RECIEVER MULTIGENERATION SYSTEM WITH HYDROGEN PRODUCTION	MANG-06: PROMOTION OF SOLAR ASSISTED AIR CONDITIONERS THROUGH DEMAND-SIDE PLANNING IN PETROL-EXPORTING COUNTRIES
16:24-16:42	MANG-03: NATURAL GAS & ELECTRIC: THE INTEGRATED RESOURCES OF ENERGY	FCEL-07: USAGE POTENTIAL OF FUEL CELLS FOR MANNED/UNMANNED AIR VEHICLES: DEVELOPMENTS, CURRENT STATUS		FORC-03: SIMPLE APPROACHES TO MISSING DATA FOR ENERGY FORECASTING APPLICATIONS

Presentation duration: 15 minutes, Q&A: 3 minutes

Posters shall be hung by the authors during 08:00-09:00 to the designated areas in Salamis venue

Time	Thursday 10th May (Day 2)			
08:00-09:00	Registration			
	Venue: Salamis			
09:00-09:45	Keynote Speaker: <i>Prof. Dr. Mohammad Shahidehpour</i>			
09:45-10:30	Keynote Speaker: <i>Prof. Dr. Steffen Lehmann</i>			
10:30-11:00	Coffee Break			
11:00-12:30	Session 1: Air Conditioning Systems, Venue: Salamis (Chair: Hasan Hacısevki)	Session 2: Fuel Cells, Venue: Namik Kemal (Chair: Masood Ziaei-Rad)	Session 3: Solar Energy and Buildings, Venue: Kantara (Chair: Serkan Abbasoğlu)	Session 4: Miscellaneous Topics, Venue: St Barnabas (Chair: Fuat Egelioğlu)
11:00-11:18	ACON-01: PERFORMANCE ANALYSIS OF SOLAR ASSISTED AIR CONDITIONING SYSTEM USING CARBON DIOXIDE AS REFRIGERANT	FCEL-11: DIMENSIONAL ANALYSIS OF ERRORS OF DARCY'S LAW IN SERPENTINE FLOW FIELDS	EXGY-02: SOLAR EXERGY MAP OF TURKEY	ENVR-03: ENERGY EFFICIENT, SUSTAINABLE AND ENVIRONMENTALLY FRIENDLY GREEN HEALTHCARE INDUSTRY IN THE GREEN ECONOMY
11:18-11:36	ACON-02: AN ARTIFICIAL NEURAL NETWORK MODELING OF SOLAR ASSISTED HEAT PUMP SYSTEM FOR BUILDINGS	FCEL-08: NUMERICAL INVESTIGATION OF BACKPRESSURE AND FLOW CHANNEL CHARACTERIZATION EFFECTS IN PEM FUEL CELL	FORC-02: A NEW MODEL TO ESTIMATE GLOBAL SOLAR RADIATION ON HORIZONTAL SURFACE IN ESKIŞEHİR	EXGY-01: A CRITICAL REVIEW OF EXERGY STUDIES ON JET ENGINES
11:36-11:54	ACON-03: ADAPTIVE THERMAL COMFORT - AN EXTENDED APPROACH FOR CONDITIONED INDOOR ENVIRONMENT USING COMPUTATIONAL FLUID DYNAMICS	FCEL-09: ANODE & ELECTROLYTE DEVELOPEMENT AND SYSTEM INTEGRATION FOR MOLTEN CARBONATE FUEL CELL (MCFC)	ARCH-08: ANALYSES OF SUSTAINABILITY REQUIREMENTS OF SOLAR PASSIVE DEFENCE IN DIPLOMATIC BUILDINGS	INDS-01: OPTIMIZATION AND ENERGY EFFICIENCY INVESTIGATION OF AN INDUSTRIAL GAS CONDENSATE SEPARATION PLANT
11:54-12:12	SOLR-04: PERFORMANCE EVOLUTION OF SOLAR-POWERED VAPOR ABSORPTION REFRIGERATION SYSTEM	FCEL-10: DETERMINATION OF OPTIMUM FLOW FIELD FOR SOLID OXIDE FUEL CELL (SOFC) INTERCONNECTS UNDER SPECIFIED CONDITIONS	THCM-01: THERMAL COMFORT PERFORMANCE OF HEALTH CENTRE FACADE	GASF-02: GASIFICATION OF GLYCEROL INTO SYNGAS (H ₂ +CO) BY THERMAL AIR PLASMA
12:12-12:30		FCEL-06: PERFORMANCE ANALYSIS OF PEMFC FOR LONG ENDURANCE HYBRID POWERED UNMANNED AERIAL VEHICLE		GRID-01: TRANSMISSION EXPANSION PLANNING UNDER DIFFERENT UNCERTAINTIES: CASE OF KCETAS
12:30-13:30	Lunch Break			
13:30-15:30	Panel Session, Venue: Salamis			
15:30-16:00	Coffee Break			
16:00-16:45	Poster Presentations, Venue: Salamis (Chair: Gentian Buzi) and Sponsor Presentation			
16:45-17:57	Session 1: Wind Energy, Venue: Salamis (Chair: Qasim Zeeshan)	Session 2: Sponsor Presentations, Venue: Namik Kemal	Session 3: Hydro Power, Venue: Kantara (Chair: Umut Türker)	
16:45-17:03	WIND-01: NUMERICAL SIMULATION OF TURBULENT FLOW THROUGH A THREE-BLADE VERTICAL AXIS WIND TURBINE		RENEW-02: EXPLORATION AND MODELLING OF RENEWABLE ENERGY SOURCES AND MINI-GRID INSTALLATION OPPORTUNITIES IN ZIMBABWE	
17:03-17:21	WIND-02: USE OF CIRCULAR WIND REGULATOR ON VERTICAL AXIS WIND TURBINE		TURB-01: CFD BASED DESIGN AND PREDICTION OF PERFORMANCE FOR HYDRAULIC TURBINES	
17:21-17:39	WIND-03: TWO STAGE OPTIMIZATION APPROACH FOR SITING WIND-POWERED CHARGING STATIONS	Presentations by experts from Green Efficiency Energy Services	TURB-02: OPTIMIZATION OF A MODEL FRANCIS TURBINE'S PARAMETERS FOR THE MOST EFFICIENT PERFORMANCE CASE	
17:39-17:57	HYPR-01: HYDROGEN GAS PRODUCTION AND STORAGE FROM RENEWABLE ENERGY IN STATIONS OF NATURAL GAS TRANSPORTATION LINES			

Time	Friday 11th May (Day 3)			
08:00-09:00	Registration			
	Venue: Salamis			
09:00-09:45	Keynote Speaker: <i>Prof. Dr. Uğur Soytaş</i>			
09:45-10:15	Coffee Break			
10:15-11:45	Session 1: Energy Policy, Venue: Salamis (Chair: Amela Ajanovic)	Session 2: Energy From Waste, Venue: Namik Kemal (Chair: Mustafa Dağbaşı)	Session 3: Miscellaneous Topics, Venue: Kantara (Chair: Reza Sirjani)	Session 4: Heat Transfer, Venue: St Barnabas (Chair: İbrahim Sezai)
10:15-10:33	POLC-01: INFLUENCE OF PV SYSTEM INSTALLATION ON THE RESIDENTIAL ELECTRICITY CONSUMPTION	WSTE-01: EVALUATION OF ENERGY POTENTIAL OF MUNICIPAL SOLID WASTE FOR DIRECT WASTE COMBUSTION IN ISTANBUL	MISC-01: PERTURBATION ESTIMATION BASED ROBUST PASSIVE CONTROL OF PERMANENT MAGNETIC SYNCHRONOUS GENERATOR FOR OPTIMAL POWER EXTRACTION	PELT-01: EFFICIENT OPERATION OF HYBRID PHOTOVOLTAIC-THERMOELECTRIC SYSTEM COMBINED WITH MICRO-CHANNEL HEAT SINK
10:33-10:51	DIST-01: MULTI-CRITERIA DECISION MAKING-BASED COMPARISON OF FUEL CELL TYPES FOR DISTRIBUTED GENERATION APPLICATIONS	WSTE-02: ENHANCEMENT OF METHANE YIELD AND BIODEGRADATION RATE OF VINASSE BY USING A NON-CONVENTIONAL TWO-STAGE ANAEROBIC DIGESTION PROCESS	MISC-04: ENERGY-AWARE TRANSFER OF COMPRESSED DATA ON MSP432 FAMILY OF MICROCONTROLLERS	NANO-01: PREPARATION OF STABLE NANOFLUIDS WITH SURFACE FUNCTIONALIZED NANOPARTICLES AND DETERMINATION OF THE CHANGE IN THERMAL CONDUCTIVITY OF NANOFLUIDS
10:51-11:09	RENEW-03: OPTIMIZING RESIDENTIAL RENEWABLE ENERGY UTILIZATION IN NORTH CYPRUS: CASE STUDY OF SOLAR ENERGY	WSTE-04: CHARACTERISTICS OF SYNGAS PRODUCTION BY MICROWAVE PLASMA GASIFICATION	PCEL-01: COMPARATIVE STUDY OF PHYSICS-INSPIRED META-HEURISTIC ALGORITHMS FOR THE SOLAR CELL PARAMETER IDENTIFICATION PROBLEM	FUSN-01: A NUMERICAL SIMULATION OF SINGLE BUBBLE GROWTH IN SATURATED AND SUBCOOLED BOILING WATER
11:09-11:27		MISC-02: HYDROTHERMAL CARBONIZATION & TORREFACTION OF COTTON STALK FOR ENERGY RECOVERY WITH OPTIMUM PROCESS CONDITIONS	EFFN-01: ENERGY EFFICIENCY OF COMMERCIALY USED MPPT ALGORITHMS IN SOLAR ENERGY HARVESTING	NUCL-01: A VISUAL EXPERIMENT OF BUBBLE GROWTH IN VERTICAL RECTANGULAR CHANNEL WITH DIFFERENT FLOW PATH HEIGHT
11:27-11:45		GASF-01: HYDROTHERMAL GASIFICATION OF WET SLUDGE PRODUCED FROM BIOLOGICAL TREATMENT OF TEXTILE AND LEATHER INDUSTRIAL WASTEWATER	MESR-01: ANOVA ANALYSIS OF AN INTEGRATED MEMBRANE REACTOR FOR HYDROGEN PRODUCTION BY METHANE STEAM REFORMING	
11:45-12:30	Closing ceremony			

Presentation duration: 15 minutes, Q&A: 3 minutes

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